

VOL. 38 NO. 1

SERVING 2000 ENGINEERS & LAND SURVEYORS

JUNE, 2002

ASME-HAWAII SECTION 2002 OUTSTANDING ACHIEVEMENT AWARD

In its seventh year, the Hawaii Section of the American Society of Mechanical Engineers (ASME) 2002 Outstanding Project Achievement Award goes to the Matson Terminal Revamp Project. In very close voting the Hawaii Pride Fruit Disinfestation Facility located in Keaau, Hawaii is the runner-up project. These are two mechanical engineering type projects that deserve recognition for their outstanding contributions to Hawaii.

ASME-HI Section presents this annual award to projects or designs relating to mechanical engineering within the Hawaii Section area. The Hawaii Section covers a large Pacific area, which includes Hawaii, Guam, and American Samoa. A panel of independent judges selects the annual awardees based on which project or design provides the greatest benefits to owner and customer in economics, social, and environmental aspects and shows outstanding use of mechanical engineering principles. The descriptions of the ASME-HI 2002 outstanding projects are as follows.

Matson Terminal Revamp Project

The winner, the Matson terminal project was performed in two phases in order to minimize disruptions to its operation. The first phase added new equipment to increase efficiency by implementing a new operating mode called the "partial-wheeled" system. Gone are 33 "straddle carriers" that were one of the mainstays of the terminal operation. They were replaced by the "partial-wheeled" system that includes 6 new "top picks" capable of 75,000 Ibs lifts and able to stack the containers 4-high, and by 4 "side picks" for the empty containers that can stack empties up to 8-high. "Straddle carriers" could only stack containers 3-high when empty and only 2-high loaded. The "top picks" can make about 18-22 moves per hour compared to the slower straddle process.

With this project, containers are now unloaded from the ship directly onto wheeled chassis that can be hooked up to a truck and driven away quickly and with less effort. Before with the "straddle carriers" truck drivers picking up loads had to wait for the containers to be picked up and set on the trailers. The changes are intended to deliver more efficiency, reduce crowding and increase capacity at the container yard.

The revamp also includes a GPS tracking

system for tracking location of containers within the yard. Each container has a sensor that helps incoming truck drivers find their containers. Gone are the "chalk board" system, manual records keeping, and "walkie-talkie" communication.

The improvements are meant to accommodate projected growth through the year 2020. J. Keahi Birch, Matson Manager of Safety and Environmental Affairs, conducted a tour of the terminal for ASME-HI members in March.

Hawaii Pride Fruit Disinfestation Facility

A primary goal of the runner-up facility is to improve the quality of product for shipment to the mainland. This opens the market for Hawaii grown produce, which benefits local growers.

The disinfestation facility uses linear accelerator technology to treat papayas and other tropical fruits for shipment to the mainland. This is an alternative to the use of vapor heat treatment or methyl bromide. The system is designed to treat 30,000,000 pounds per year at full capacity.

The linear accelerator is an electrically powered machine that produces a stream of high energy (5 MeV) electrons. These electrons strike a converter plate, which emits x-rays. The x-rays are used to irradiate the fruit and disinfest it of fruit flies and other agricultural pests. Other irradiation technologies use radioactive sources to produce gamma rays. Since the x-rays at the Hawaii Pride facility are machine generated there is no transportation, use, storage, or disposal of radioactive materials. Although high levels of radiation are generated, there is no residual radioactivity once the accelerator is shut off.

A sophisticated conveyor system carries boxes of fruit past the x-ray beam. Since the xray penetrate the packaging material, the product is treated in its final, USDA APHIS approved, sealed box with no need for additional handling of the fruit and no potential for reinfestation. The conveyor system carries the product into a concrete shield. A closing conveyor ensures tight packing of the carriers for maximum use of the x-ray beam. A process conveyor is used to very closely control the speed at which the product is exposed to the beam. This ensures of a very accurate control over the irradiation dose that fruit receives. Due to the high levels of radiation that are produced, an elaborate safety system is incorporated that prevents entrance into the shield during operation of the equipment. This includes the use of safety doors, pressure mats, and light curtains that are interlocked to the equipment such that any intentional or unintentional attempt to enter the shield during operation will immediately trip the system.

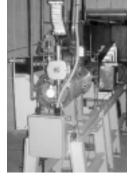
Another mechanical system of interest is the chilled water loop that cools specific heat loads on the linear accelerator. One critical load is at the converter plate. A relatively low rate of conversion from e-beams to x-rays results in a large heat load at the plate.

Kurt Maack, Mechanical Engineer with SureBeam Corporation, Omaha, NE, submitted this project for John Clark, President and CEO of Hawaii Pride.

ASME-HI's Project or Design Outstanding Achievement Award is made annually. Deadline for nominations is April 30. The nomination process is made very simple so that the busy engineers and executives are not overburdened with additional tasks in their already overwhelming workloads. Everyone is welcome and is strongly encouraged to submit an entry. You do not have to be a mechanical engineer. The first place and runner-up receive attractive plaques to proudly display on their office walls. Contact Ed Chang of ASME-HI for more information.



Matson's new "side pick" equipment for lifting and stacking empty containers.



Hawaii Pride's Linac Accelerator for the x-ray equipment.



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 Pukele Avenue • Honolulu, HI 96816

Telephone: 527-6989

WILIKI MAILING LIST

Additions and/or corrections should indicate the proper society, institution or association.

LAVERNE HIGA

c/o Dept. of Facilities & Maintenance City & County of Honolulu 650 South King Street, 11th Floor Honolulu, Hawaii 96813

Phone: 527-6246 Fax: 527-5857

HAWAII COUNCIL of **ENGINEERING SOCIETIES**

P.O. Box 2873 HONOLULU, HAWAII 96802

HOME PAGE:

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PO Box 12204 Honolulu, HI 96828

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DONALD KIM'S REMARKS UNIVERSITY OF HAWAII COLLEGE OF ENGINEERING BANQUET

April 17, 2002

President Dobelle, Chancellor Neubauer, Dean Chen, Distinguished Guests, Fellow Alumni, Ladies and Gentlemen:

It is really an honor and privilege for me to receive this prestigious award which I accept with deep humility. I am not certain whether I really deserve this honor because what I have done is simply responding to what my heart told me to do. In any case, thank you for the award and above all, I thank God for all the blessings bestowed upon me and my family, especially for allowing me the opportunity to be able to serve and give back to the University.

When I was a little boy, my parents, the first Korean immigrants to Hawaii who came as sugar plantation workers a century ago, instilled into me three valuable and unforgettable lessons:

1st Never forget those who helped you along the way;

2nd Fulfill your commitment to the community and;

3rd When giving, give from your heart.

Through the years, these lessons taught in my early life have been my guiding light and I have been trying to live up to the lessons

The University is the institution that satisfies all requirements for the three lessons that I described:

1st The University helped me along the way and I can never forget. Especially, the College of Engineering gave me good education, training and solid foundation to build on and prepared me for what I am today.

2nd The University is an essential and integral part of our community which drives the economic engines for the State of Hawaii; therefore, we must first make our commitment to the University and fulfill our commitments. As President Kennedy said—"Our progress as a nation can only be as swift as our progress in education." I believe that as alumni of the University of Hawaii, it behooves us to serve the institution.

3rd Bluntly speaking, the University needs our money. Let us open our hearts and pocketbooks and give generously.

The University of Hawaii is looking forward to a bright and promising future with many chal-

2002 EAAUH GOLF TOURNAMENT

Calling all golfers! The 2002 Engineering Alumni Association Golf Tournament will be held on Friday, July 26, 2002 at the Leilehua Golf Course. All EAAUH members should have received their tournament fliers in the mail last month. It's a new form so be sure to look at it VERY CAREFULLY. Deadline is FIRST COME, FIRST SERVE for those with COMPLETED FORMS and PAID FEES. Available spaces are filling up fast so if you want to play, sign up NOW.

Didn't get a flier? Then you're not a current member. Call Carrie Matsuzaki at 956-2286 to join or to update your membership.

2003 LAS VEGAS TRIP

521-3051

543-7060

473-8000 x2456

For the first time ever, the EAAUH is planning an Alumni trip to LA\$ VEGA\$ for the Spring of 2003. To all those who are interested in attending, or who want to help us plan this event, contact Diane Kodama at 521-3051.



lenges and tribulations. In these tough economic times higher education can no longer remain in its "ivory towers" expect our taxpayers to keep spoon-feeding the institution. We must do all we can to attract resources in order to make up the tremendous variance between what the public and tuition can now afford to pay, and what it really costs to run a quality institution-and that is where partnership between the University and Community, especially with its alumni, come into the picture. I am pleased that the College of Engineering has been focusing on a partnership with our community.

We have a duty in this area because more and more we are finding out that whether it be a public or private institution-our partnering with the private sector is vital.

Hawaii seems a bit slower than some of our peers in building partnerships and we have very different opportunities than say, the institutions in or around Silicon Valley. Nevertheless, as the closest U.S. institution to the Asian and Pacific regions-the opportunities are here. We simply need to get better in the business of recognizing those opportunities and developing partnerships.

This evening's host, the College of Engineering, is indeed well blessed with many dedicated individuals; faculty members, office staff, students and alumni, that have worked long and hard to keep the College a guality institution and one that the people of Hawaii should be proud of-to those I thank you!

Finally, I strongly urge you to give your continued support of our Engineering College and our University and remember there is no great University without strong support of its alumni. It is my hope that by the grace of God, the lessons that I was taught be passed on and handed down to many generations in my family and perhaps others, and further, that I will be able to leave a small mark with our University and greater community for some years to come.

Again, I would like to congratulate and salute all of you who serve through diligence and determination to "change the University with a giving heart."

Mahalo, Aloha and God Bless You!



www.eng.hawaii.edu/~hspe

2001 – 2002 STATE OFFICERS

		Phone	FAX
President	Kirk Tanaka	242-6861	244-7287
	rttanaka@gte.net		
Pres-Elect	Scott Seu	543-4500	543-4511
	sseu@hei.com		
1st VP	Tom Pack	325-2216	325-1415
	tgkona@hawaii.rr.c	om	
2nd VP	Riley Smith	885-2306	885-5602
	rsmith@parkerranc.	h.com	
Secretary	Eric Yamashige	242-8611	244-7510
	ehy@mauigateway.	сот	
Treasurer	Ken Rappolt	536-6621	523-1738
	ken@lyonassociate	s.com	
Past Pres	Curtis Beck	969-0134	969-0135
	cbeck@hei.com		
Nat Dir	Bruce Witcher	334-0322	334-0831
	bewitch@ilhawaii.n	et	

Highlights of State BOD Meeting

April 26, 2002 - Honolulu

Treasurer Ken Rappolt presented a review of the 2001/2002 budget. Clarifications on the Wiliki billing cycle, the Western Region billing cycle and reimbursement, and membership dues income will determine operating status. 2002/2003 budget considerations under President Scott Seu's term include the level of representation at NSPE meetings and scholarship grants for the scholarship program.

Governance: President Kirk Tanaka read a letter addressed to NSPE President Daniel Clinton from Western Region Secretary/Treasurer Ronald Carducci (CA) reporting that the WR elected Eric Yamashige as NSPE WR VP-elect for the term 2002-2003. Eric will serve as alternate VP if needed.

Chapter Directors were requested to submit written reports prior to the meeting to expedite and document. Honolulu Chapter: Meeting with the MathCounts Steering Committee next week to review the program. HSPE is not a visible supporter of the program. One consideration is scheduling an HSPE State BOD meeting to coincide with the State MathCounts competition. Big Island Chapter: Joint MathCounts with Kona-Kohala Chapter very successful in Kona. Next year Hilo will host the competition. 13 schools participated with 2 schools competing in the state program. Kona-Kohala Chapter: March Casino Night fundraiser very successful for the scholarship program. Maui Chapter: MathCounts, Math Matters very successful. Support of The Maui News supplement continues to carry the educational and scholarship programs.

Professional Engineers in Industry (PEI) Chair and WR Vice-Chair Clyde Nagata reported that PEI nationally continues with their programs and projects. Sustaining sponsors provide support of the scholarship program, and Clyde will present the Career Transition project at the NSPE Orlando annual meeting and convention in July 2002. PEC (Construction) Chair Bruce Witcher notified of a Mentoring session with the Central Florida University during the Orlando meeting.

Nominations Committee Chair Curtis Beck reported current First Vice President Tom Pack (Kona) is stepping down due to conflicting work commitments. Curt is pursuing nominations for consideration. The 2002/2003 slate includes: President Scott Seu (Honolulu), 1st VP Riley Smith (Hilo), 2nd VP Manny Lanuevo (Honolulu), Secretary Alva Nakamura (Honolulu), and Treasurer Ken Rappolt (Honolulu). Island Chapters are also preparing their slate of officers. NSPE WR VP V. Alan Werner (WA) will visit Hawaii to install the officers at a Maui Luncheon (Thursday, June 13), Hilo Banquet (joint Hilo/Kona Friday, June 13), and Honolulu Banquet (joint Honolulu/State Saturday, June 15). Visit the HSPE website for details on the installations, and please support your officers.

Community Service: Russ Figueroa and Bert Toba of R.M. Towill Corporation have agreed to chair the September 20, 2002 Scholarship Golf Tournament at the West Loch Golf Course. The proceeds from this tournament has supported students entering the University of Hawaii College of Engineering for 10 years. This year's tournament marks the 11th annual tournament. Mark your calendars to enjoy an afternoon of fun and fellowship, and support of a great cause.

Licensure: The April 2002 offering of the professional engineering and land surveying licensure examinations marks the first administration by the National Council of Engineering Examiners. Under contract with the State Department of Commerce and Consumer Affairs, NCEES will administer the exams twice a year, the next offering occurring in October 2002. HSPE's efforts to encourage and assist with the offering of a neighbor island examination have been fruitless. Presently licensing examinations are offered on Oahu only.

Government Relations: Legislative and Government Affairs Chair Michael Street reported on a multitude of bills tracked through the legislature. Today, April 26 marks the final decking, and the House and Senate adjourn on May 2. Efforts will be made next session to post engineering related bill references on the HSPE website. The full text of the bills are available on the Hawaii Government Website: *www.capitol.hawaii.gov.*

Communications: Island Chapters are encouraged to submit monthly reports for printing in the Wiliki O Hawaii. Webmaster Delwin Ching reported that a link to the electronic version of the Wiliki and back issues are available through the HSPE website. Highlights of the BOD meetings and conference calls, articles and photographs of the 2002 MathCounts competitions, and a courtesy reminder of the April 30, 2002 expiration of Hawaii PE licenses with a link to the DCCA online renewal site are posted on the website. Thanks to Ed Chang for submitting the MathCounts articles and photos. Visit the website regularly for updates on state and chapter activities such as the installation schedules, and registration details for the scholarship golf tournament. Chapters are encouraged to submit meeting notices for posting.

Continuing Education: Bruce Witcher reported the American Institute of Architecture (AIA) proposed legislation to require continuing education credits for Architecture re-licensing and received the same non-support from the EASLA board. Required continuing education units (CEUs) for re-licensure is a national trend. We can either be proactive, or reactive. HSPE will keep communications open with the EASLA board to offer assistance and encourage consideration. As requested by the HSPE board, the updated NSPE Licensure Manual describing the licensure laws of the United States and Territories was shipped directly to DCCA.

Next Meeting: The next state BOD meeting is a conference call at 4:30 pm on Wednesday, May 15, followed by the annual meeting at 1:30 pm on Saturday, June 15, 2002 preceding the Honolulu Chapter and State BOD installations. The location is being determined and will be posted on the website.

Please visit the HSPE website to keep abreast of what's happening: www.eng.hawaii.edu/~hspe.







2001-2002 OFFICERS

Chairperson	James Grogan	254-2947
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Treasurer	Chester Kaitoku	527-6063
Secretary	Sam Gillie	543-4739
Dir 1 yr	Ed Chang	543-4227
Dir 2 yr	Ron Regal	455-0254

JULY 2002 DINNER MEETING NOTICE

- Title: "Successful Hawaii ME's Share Their Secrets"
- Date: July 10, 2002, Wednesday
- Time: 5:30 p.m. Attitude Adjustment Time 6:00 p.m. Dinner 6:45 p.m. Program
- Place: To be announced

Place: To be announced

Cost: To be announced

AGENDA: Hawaii Section Panel Discussion titled "Successful Hawaii ME's Share Their Secrets." The panelists will include John Arizumi of Carrier Corporation, Hank Gellert of The Gellert Company; Charles Kinoshita, PhD of the University of Hawaii Natural Energy Institute; Fred Kohloss, ASME Fellow and semiretired consultant; and Robert Lee, Businessman and past Hawaii Section Chairman. The moderator will be Chairman, James Grogan. The topics will include information on how to start and run your own engineering business and other keys to be successful as an engineer in Hawaii. Please contact Jim Grogan or Sam Gillie for more information

2002 ASME-HI BALLOT AND SURVEY

Our annual ballot to elect new officers for 2002-2003 and annual survey will be mailed out before June 1, 2002. The members volunteering for offices are as follows: Chairman, Jim Grogan; Vice Chairman, CAPT Joe Bradley(USN); Treasurer, Chester Kaitoku; Secretary, Sam Gillie; and Director (2-yr), Ed Chang. The members are encouraged to write-in a candidate, if they have one. This year we are including return postage to encourage a better response from the membership.

Included with the ballot and survey is a bylaws amendment proposal to add a section under management to permit the removal of a Section Executive Committee member from office for nonperformance of duties. The Executive Committee includes the officers and directors. Nonperformance of duties includes unexcused absence from three consecutive Executive Committee meetings, failure to perform duties as specified in the ASME manual, and for statements or actions harmful to the Section or Society.

The members' inputs are greatly appreciated. The Section cannot function properly without membership participation.

NEW ASME-HI VICE CHAIRMAN, CAPT JOE BRADLEY (USN)

The Hawaii Section is pleased to announce that CAPT Joe Bradley (USN) is our new Vice Chairman. CAPT Bradley is Force Maintenance Officer, COMSUBPAC.

THE ASME FRANCIS RHODES MONT-GOMERY DESIGN COMPETITION

The Montgomery Competition for University



2001-2002 Officers

Name Office Phone Fax Wayne Kawano President 833-1882 833-6125 wkawano@ccpihawaii.org Richelle SuzukiVice President 541-2530 541-2700 richelle.suzuki@igate.fhwa.dot.gov Ext. 311 946-2277 946-2253 Cathy Leong Secretary traffic@wilsonokamoto.com Susan Uejo Treasurer Irene Quiaoit Stud. Contact 946-2277 946-2253 traffic@wilsonokamoto.com

May Meeting Highlights

The May luncheon meeting was held on May 16, 2002 at the Prince Jonah Kuhio Kalanianaole Federal Building in Honolulu. Vice-President Richelle Suzuki announced that ITE was looking for additional sites to host the Saturday, October 26, 2002 PTOE certification exam. Members would be contacted shortly to verify if there was enough interest to host an exam in Hawaii.

The featured speaker was Lisa Reinke of Belt Collins Hawaii who spoke about the Pearl Harbor Historic Trail project. The Pearl Harbor Historic Trail project originated as a grant application under the federal Empowerment Zone Aiea shoreline redevelopment. The project evolved into a regional master plan to develop an 18-mile long shared use (bicycle-pedestrian) path and historic railway. The community's goal is for the trail to be developed as a worldclass heritage and recreation corridor that enhances the communities from Aiea to Nanakuli. Ownership of the required 40 foot right-of-way for the trail varies along its stretch between the Navy, Hawaiian Electric Company (HECO), the State of Hawaii, and other private owners. The implementation of the plan will be costly and face a number of infrastructure challenges. The major challenge for the portion of the trail between Nanakuli and Ewa will be the

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http://www.geocities.com/hals_us

OFFICERS FOR 2002

President	Layton Nakao	543-7317
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Treasurer	Eric Hee	591-8116
Director	Kevin Kea	521-7491
	Erik Kaneshiro	
NSPS Gov	Patrick Cummins	247-6602
Past Pres	Byron Komatsu	692-7599

American Congress on Surveying and Mapping Announces Direction for the Future

The American Congress on Surveying and Mapping (ACSM) is going in a new and exciting direction. The association announced at its spring meeting in April that ACSM and its four member organizations have adopted a plan called "The New ACSM." Implementation of the plan is expected to begin in January, 2003.

Under the proposal, individual members will belong directly to their respective member organizations. Those organizations will be selfgoverning and responsible for establishing their own services and budgeting their own independent resources. The new ACSM will have no individual members. The member organizations will form a Congress of representatives to serve as a forum for activities of mutual interest. ACSM will also provide administrative services for its member organizations on a contract basis.

"The New ACSM" is responsive to the stated wishes of its current members, as well as potential members, capable of adjusting to evolving membership requirements and positioned to serve future constituents and their needs. With this new structure, it is anticipated that organizations not currently associated with

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USING SYNTHETIC FIBERS IN CONCRETE

Sponsored by the Cement and Concrete Products Industry of Hawaii

The seminar will feature the latest technological advances, and ease of application when using fibers in concrete.

This seminar is designed for specifiers, contractors, design engineers, architects, government agencies (public works, inspectors), testing agencies, and all others who need to learn how to specify, design, and construct fiber reinforced concrete.

Featured speaker is **LEONARD W. BELL, P.E.,** registered professional engineer in the States of Michigan and Florida, specializing in concrete material uses and applications.

Tuesday, June 25, 2002 from 8 a.m. to 2:00 p.m. at Pagoda Hotel C'est Si Bon

Registration is \$80 per person and includes seminar, handouts, continental breakfast, and lunch. Class size is limited. Registration deadline is June 21, 2002.

For additional information or to register, call CCPI at 833-1882



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STRUCTURAL ENGINEERS ASSOCIATION OF HAWAII

P.O. BOX 3348, HONOLULU, HI 96801 Web Page URL http://www.seaoh.org

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Position	Officer	Phone	Fax
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Vice Pres	Randy Chu	373-7950	373-7950
Secretary	Russ Miyahara	593-0933	593-9339
Treasurer	Craig Ellingson	946-2277	946-2253
Director	Wes Segawa	935-4677	935-2070
Director	Ibbotson Kellett	540-1030	526-1989
Past Pres	Dennis Hanatani	737-9488	735-1432

HIGHLIGHTS OF BOD MEETING

May 1, 2002

Reviewed treasurer's report dated May 1, 2002; approval was deferred to the next BOD meeting after update of treasurer's report.

Motion to move some of the Convention Fund from the Convention Checking Account to a new interest bearing Convention saving Account was approved.

Correspondence:

Received request from Contractors Association of Kauai and Kauai County Project Impact for co-sponsorship of a workshop and presentation on safe rooms for hurricanes to be held on Kauai. Motion to co-sponsor and also to allocate money to pay for travel expenses to Kauai for Dennis Hanatani to give a presentation on Safe Rooms was approved.

Received request from HCES for front page SEAOH Wiliki articles. If any member has articles that they would like to be placed in the Wiliki, please notify a board member.

Committee Reports:

Website – Carol Kellett is the new SEAOH webmaster and will be maintaining the SEAOH website.

Building Code Committee – Gary Chock has agreed to serve as Building Code Committee Chair.

Old Business:

Credit Card Payment – The Board discussed the viability of using credit card payments for SEAOH events. Program Chair, Randy Chu will make the final decision on the use of credit cards for payments for SEAOH events.

Converting Books to Quicken will not be done this year.

New Member – Merrick Nishimoto of Nagamine, Okawa Engineers, Inc. and Timothy Folks of Hawaiian Cement were voted in as new members in their appropriate membership categories.

Scholarship Committee will be asked to give their recommendations on the criteria for the scholarship. Students to be in Structural Engineering will be emphasized.

New Business:

Tom Tanimura appointed the Board of Directors to serve as the nominating committee for next year's officers.

2002 CALENDAR OF EVENTS

November 9-16, 2002 SEAOH Annual Convention in Tokyo

Next BOD Meeting: Wednesday, June 5, 2002, 11:45 a.m.



HAWAII CHAPTER

P.O. Box 508, Aiea, Hawaii 96701 Phone: (808) 485-1400 Fax: (808) 485-1500 Web Page:www.lgsea.com

2002-2003 OFFICERS & DIRECTORS

Position	Name	Phone	Fax
President	Brian Ide	536-2108	521-3000
Vice Pres.	Akira Usami	682-5747	682-2928
Secretary	Jeffrey Hanyu	521-6958	533-6701
Treasurer	Garret Muranaka	946-2277	946-2253
Director	Bennett Fung	531-1308	521-7348
Director	Ron Iwamoto	533-2210	533-2686
Director	Mike Kasamoto	955-6834	955-2483
Director	Jim Walfish	737-0141	734-2177
Director	Colleen Miyasato	735-3211	735-3280
Director	Darin Okuda	689-5400	689-5406
Past Pres.	Les Nagata	951-5916	941-6489

2002-2003 COMMITTEE CHAIRS

682-5747	682-2928
531-1308	521-7348
951-5916	941-6489
533-2210	533-2686
486-2092	486-9261
	531-1308 951-5916 533-2210

FIRST GENERAL MEETING OF 2002

On March 26, 2002, the LGSEA held its first general membership meeting of the year at Sansei Restaurant. President Brian Ide outlined the agenda for the LGSEA this year. Among the planned programs he mentioned were practical research to be carried out by the technical committee and the establishment of a research and development committee to do laboratory testing of issues related to the use of light gauge steel. In addition, he mentioned that internal discussions included codifying the duties of the officers and a long-range planning effort in order to establish a direction for the future of the LGSEA.

Ray Tooth, a representative from Earl Composite Systems, stepped up to talk about MetalCrete. He explained how it was a composite light gage metal stud/concrete wall system which allowed for less expensive construction but with a concrete wall which allows more attractive building facades. Afterward, Akira Usami gave a presentation for Dietrich Metal Framing regarding, their TradeReady brand headers and floor joists. The headers help to simplify construction while the floor joists allow greater spans than previously available joists, with pre-punched holes for mechanical equipment.

BOARD MEETING

An LGSEA Board Meeting was held on May 10, 2002. Discussion topics included the corporate sponsorship, the membership list, the technical committee's progress on the screw values, planning for the next general membership meeting, and the continuing progress of the research and development committee.

Corporate sponsorship committee chairman Ron Iwamoto had developed drafts of letters to be sent out to corporate sponsors. The board approved the letters with some minor changes, and compiled a list of companies to send the letters to.

Bennett Fung, chairman of the Technical committee, reported that they had made some progress in finding ICBO-approved tables of values for screw capacities in various gages of metals. President Ide noted that these tables listed values for screw capacities through members of the same gage metal, and that a goal is to provide capacities for screws through members of dissimilar gages as well.

The next general membership meeting will focus on a discussion by several guest speakers regarding light gage steel metal trusses. Based upon positive feedback from the last general membership meeting, the next meeting will probably be similar, held at Sansei Restaurant in the evening. Members are requested to submit questions before the meeting so that speakers may prepare responses in advance. Contact Vice President Akira Usami for more information.

COMING EVENTS

June 13, 2002 General Membership meeting: "Steel Trusses: The Latest Technologies" FIRST GENERAL MEETING OF 2002 Presentations by truss material manufacturers, truss fabricators, and fastener suppliers.

August 7, 2002 General Membership meeting: "Issues in Light Gage Steel Design and Construction Today" Joint meeting with HPSFA in a round table discussion format.

November 6, 2002 General Membership meeting: "Vibrations in Light Gage Steel Framing Design" or "Project Profiles".

MEMBERSHIP IN LGSEA

LGSEA membership is open to engineers, architects, and trades people interested in light-gauge steel framing. Membership is \$50 per year. Call Brian Ide at 536-2108 with any questions and Adrian Lee at 951-5916 for membership forms.





P.O. Box 917, Honolulu, Hawaii 96808-0917 Website: www.ascehawaii.org

2001-2002 OFFICERS

		Phone	Fax
President	Tony Lau	524-3771	
	tlau@hawaiipacif	icengineers.	com
Pres-Elect	Horst Brandes		956-5014
	brandes@wiliki.e.	ng.hawaii.ec	lu
Vice-Pres	Westley Chun	488-0477	488-3776
	engrsol@verizon.	net	
Secretary	Keith Niiya	533-3646	526-1267
	kniiya@atahawaii	.com	
Treasurer	Walter Billingsley	539-1432	538-7819
	wbillingsley@belt	collins.com	
YMF Dir	Willie Gacutan	847-3763	843-0294
	wgacutan@hotma	ail.com	
Past-Pres	Joanna Seto	586-4329	586-4352
	jseto@eha.health	.state.hi.us	

JUNE DINNER MEETING

Program:

1) Presentation by Mr. Phillip Ooi, Associate Professor, University of Hawaii, on current research being conducted by the Geotechnical Engineering Group at the University of Hawaii and a discussion on what the industry would like to see for future research.

2) Presentation by Mr. Lowell Kalapa, Tax Foundation of Hawaii, "Government: A Hand in Your Pocket", discussing how legislation and programs by our elected officials impact Hawaii's engineering community, small businesses and citizens.

Date:	Thursday, June 20, 2002.
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 University of Hawaii at
	Manoa Student Chapter members

Make check payable to "ASCE-Hawaii Section." Mail to (Note: New Address) Walter Billingsley, ASCE Treasurer, Belt Collins Hawaii, Ltd., 2153 North King Street, Suite 200, Honolulu, HI 96819, postmarked by Monday, June 17, 2002. Reservations to Walter Billingsley by Monday, June 17, 2002 by phone at 846-3232, fax at 538-7819 or email at *wbillingsley@beltcollins.com.*

EXECUTIVE COMMITTEE MEETING HIGHLIGHTS May 9, 2002

2002 CALENDAR OF EVENTS

(subject to change)

July 2002 – Hosted by the Structural Committee

August 2002 – Hosted by the Construction Committee

MERIS OTA RECEIVES THE 2002 WALTER LUM SCHOLARSHIP

Congratulations to Meris Ota, this year's recipient of the Walter Lum Scholarship. Meris was selected for her outstanding academic achievements and her active involvement with and leadership of the University of Hawaii ASCE Student Chapter.

C. DUDLEY PRATT ELECTED TO ASCE HONORARY MEMBER STATUS

Congratulation to C. Dudley Pratt for being

elected by the ASCE Board of Direction as an Honorary Member. An ASCE Honorary Member shall be a person who has attained acknowledged eminence in some branch of engineering or in the arts and sciences and the total number of Honorary Members, shall not exceed one for every 7,500 members. Dudley will be honored at the ASCE Gala Banquet at the 2002 ASCE Annual Conference and Exposition in Washington D.C.

GET CONNECTED AND KEEP UPDATED

Would you like to get your copy of Wiliki O Hawaii electronically? The Hawaii Council of

(continued on page 9)

ASCE Hawaii YMF Collects Money and Food for the Hawaii Food Bank

On Saturday, April 27, 2002, 21 members of the American Society of Civil Engineers (ASCE), Hawaii Section, Younger Member Forum (YMF) and ten members of the University of Hawaii (UH), ASCE Student Chapter participated in the 13th Annual Hawaii Food Bank Food Drive. The volunteers waved signs and fishnets along Ala Moana Boulevard near Restaurant Row to collect money and food to help feed Hawaii's hungry. After the three-hour shift was completed, the volunteers were treated to a pizza party hosted by the Hawaii YMF.

The Hawaii YMF invites the UH Student Chapter members to all its activities. The activities allow the younger members to ease the transition of the Student Chapter members into the working world by sharing experiences with them and offering advice as they seek summer employment or employment after graduation.

In addition to community service projects, the Hawaii YMF also sponsors social, professional, sporting and other miscellaneous activities. The Hawaii YMF meets during the first week of each month to plan events and socialize. For information on future Hawaii YMF activities and/or if you would like to get involved and attend our monthly meetings, please call Hawaii YMF Director Willie Gacutan at (808) 847-3763, x212 or visit the Hawaii YMF website at *www.ascehawaii.org/ymf.html*.



ASCE Hawaii Section Younger Member Forum and University of Hawaii Student Chapter volunteers.

KNOW YOUR ASCE HISTORY

by C.S. Papacostas

Thanks to Goro Sulijoadikusumo for taking the time to dig into the Hawaii Department of Transportation's archives to find the accompanying picture taken in 1875. It shows a group of kanaka maoli on horseback at the Nu'uanu Pali pass before Johnny Wilson and Lou Whitehouse built the first Pali Road in 1897-98 as I described in a series of articles beginning in October 2001. And now back to the topic I embarked on last month: Water use licensing that facilitated the network of sugar plantation ditches.

Notable engineers and other professionals became involved in the construction of these ditches that were the forerunners of large irrigation projects in the Western United States. Among the engineers was Michael Maurice O'Shaugnessy who went on to build, among other projects, San Francisco's Hetch Hetchy system (see my August 1998 article).

Getting a government license for the ditches was one thing, but building them in Hawaii's rugged terrain was another. As O'Shaugnessy put it in a report entitled "Irrigation in Hawaii" about the Koolau Ditch on Maui (1904-05),

"The country was so steep and precipitous that little ditching could be employed, and it was necessary to make four and one-half miles of wagon road and eighteen miles of stone paved pack trails to facilitate during construction the transportation of supplies..."

At the beginning, even the most basic necessities were lacking. This fact is evident in a hand-written letter dated September 13, 1883 by James M. Alexander to the Reverend S. Bishop, Principal of Lahainaluna School on Maui that we discovered at the Hawaiian Mission Children's Society Library: "Dear Brother.

Dear Brother,

I am inclined to buy an instrument for surveying like your Transit. As I would regret waiting for one to be produced from the U.S. while needing it at once, I would thank you to let me know whether you would be willing to sell yours, to send for another yourself. Perhaps it would not much inconvenience you to be without one for a few months while teaching school. I could possibly have the compass I now use which belongs to the Haiku Plantation with you a few months..."

This sounds like a good deal to me. It also shows that educational institutions have always been valuable resources to the professional community!

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.*



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

2001-2002 OFFICERS

		Phone
Director:	Willie Gacutan	847-3763, x212
	wgacutan@hotma	
Admin:	Jamie Hikiji	521-3051
	Jamie.Hikiji@m-e.	com
Social/	Jeff Kalani	593-1116
Comm.Act	jeff_kalani@urscor	rp.com
Web page:	Lori Ikeda	455-3569
	lori@ikedanet.com	ו
PE Refresher	Tony Lau	524-3771
Course	tlau@hawaiipacific	cengineers.com
Past-Dir:	Lorna Heller	527-5202
	lheller@hbws.org	
St/Liais	Lori Nishida	956-5808
	lornish@hotmail.co	om

Next YMF General Meeting

The next YMF general meeting is scheduled for Tuesday, June 4, 6:00 p.m. at Bedroq Bar & Grill. If you are interested in attending to find out what the YMF is all about and how much fun we have, please call Director Willie Gacutan at 847-3763, x212.

Summer 2002 YMF PE Refresher Course

For the first time, the State of Hawaii will be offering the Professional Engineer's Exam in October 2002. ASCE Hawaii YMF is organizing a refresher course for this exam. The 3-hour classes would be held over 11 Saturdays beginning on July 20, 2002. If you are interested, please contact YMF PE Refresher Course Chair Tony Lau at 522-7426 or e-mail him at *tlau@hawaiipacificengineers.com.* A registration form may be downloaded from the Hawaii YMF website at *www.ascehawaii.org/ymf.html.* A minimum of 10 attendees is required to hold the class.

2002 Employee Recognition Award

Has your employer supported your participation in ASCE activities? You may want to nominate your employer for the 2002 Employer Recognition Award. To qualify for this award, an employer should exhibit exemplary support evidenced by efforts such as:

- Providing a model for involvement through company-wide participation in local, regional and national ASCE activities.
- Allowing young engineers time off to attend ASCE meetings and seminars.
- Supporting and encouraging technical and professional growth.
- Encouraging young engineers to prepare articles and journals for publication in ASCE.
- Assisting in the payment of local and national dues.

Please contact Paulette Chang at *pchang@hawaiipacificengineers.com* for a nomination form if you would like to nominate your employer for this award. Nomination forms are due to the Hawaii YMF by July 15, 2002.

YMF Hiking Trip

To kick off its first summer social activity, ASCE Hawaii Section's Younger Member Forum (YMF) will be hosting a hiking trip on the Nu'uanu-Judd trail on Saturday, June 22, 2002. The Nu'uanu-Judd Trail combines a valley loop with a ridge climb over a five-mile course, a great trail for novice and intermediate hikers. The hike will end at Jackass Ginger pool, where those who want to cool off can jump in for a swim. We will meet in the flat clearing that used to be the trail's parking lot at 8:30 AM in the morning. Bento lunches will be provided. If interested or have questions, please contact Ann Mukai at *AnnM@rmtowill.com* or 842-1133 by Tuesday June 18. Detailed directions and information will be given as inquired.

ASCE Job Classified

Looking for work? Visit the ASCE's job listing page at *http://www.ascehawaii.org/jobs/jobsin-fo.html.*

SUMMER 2002 ASCE YMF PE EXAM REFRESHER COURSE

Dates:	Saturdays, July 20, 2002 to September 28, 2002
Time:	9:00 a.m. to 12:00 p.m. (An afternoon class from 1:00 p.m. to 4:00 p.m. may be added if there is enough interest)
Location:	University of Hawaii, Holmes Hall, 2540 Dole Street, Room 142B
Cost:	\$285 Early Registration Fee for ASCE Members
	\$360 Early Registration Fee for Non-ASCE Members

Early Registration Deadline is July 1, 2002. Add \$25 late fee to registration fee if payment is postmarked or delivered after July 1, 2002. Class size is limited and registration is done on a first-come first-served basis.

For the first time in the State of Hawaii, NCEES will be administering the Civil Professional Engineering Exam in October. The Summer 2002 ASCE YMF PE Exam Refresher Course will assist engineers in preparing for the "breadth-and-depth format" of the civil engineering professional examination. The class lecturers are:

Structural Engineering, Mr. Ron Iwamoto, KAI Hawaii

- Highway Geometry, Mr. Randall Urasaki, Parsons Brinckerhoff
- Traffic Engineering, Mr. Wayne Yoshioka, Parsons Brinckerhoff
- Geotechnical Engineering, Dr. Brennon Morioka, URS
- Environmental Engineering, Mr. Raj Rath, C&C of Honolulu, Dept of Design and Construction
- Hydraulics/Hydrology, Mr. Raj Rath, C&C of Honolulu, Dept of Design and Construction

In addition to copies of the individual lecturer notes and study supplies, class attendees will receive a copy of Michael R. Lindeburg's Civil Engineering Reference Manual for the PE Exam, 8th edition. Attendees will also have the option of ordering additional reference material at discounted prices.

To sign up for the Summer 2002 ASCE YMF PE Exam Refresher Course, please contact Tony Lau at 522-7426 or *tlau@hawaiipacificengineers.com.* Class registration forms may be downloaded of the ASCE Hawaii YMF website at *www.ascehawaii.org/ymf.html.*



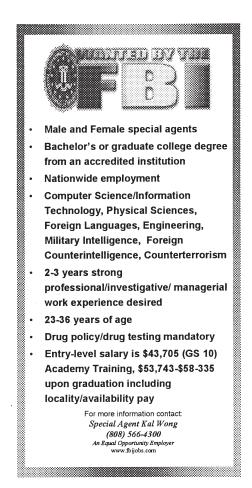
IEEE Hawaii Section

P. O. Box 37895, Honolulu, Hawaii 96837 Email: sec.hawaii@ieee.org Web Page: http://community.hei.com/ieee/

2002 Hawaii Section Officers

2002 Hawaii Section Onicers				
Chairperson:	Oscar Libed	441-8567		
	(oscar.libed@ieee.org)			
Vice Chair:	Grant Torigoe	833-8889		
	(torigoe@ieee.org)			
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	(normk@ieee.org)			
Past Chair:	Fred Kobashikawa	543-7753		
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Section Committee	Chairpersons			
HCES Rep:	Norm Kawachika	531-1308		
Membership:	Allison Lee			
	(all@spectra.eng.hawaii.edu)			
Past Member:	Al Toda	455-1331		
	(aet@ieee.org)			
Webmaster:	Steven Sano	543-7981		
	(ssano@hei.com)			
Prof. Act.:	Grant Torigoe	833-8889		
	(torigoe@ieee.org)			
Student Act.:	Tep Dobry	956-9740		
	(tep@ieee.org)			
Ocean Engineering	Mark Rognstad	956-8712		
Society:	(mark_rognstad@ieee	e.org)		

Please visit our web site for our June meeting notice: *http://community.hei.com/ieee/*



engineers and architects of hawaii

po box 4353,honolulu,hawaii 96813

An association for Hawaii's Engineers and Architects New WEB Address http:community.hei.com/eah

2001-2002 OFFICERS

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Director	Bob Morrissey	521-4711
Director	Tit Mun Chun	524-2270
Director	Neil Guptill	
Past Pres	Kai Andrade	521-4711

June Program

Program Chair Lee Mansfield

Friday June 7; Alan Lloyd, USS Missouri Historian; The Battle of Midway. Our own Alan Lloyd will present a slide show on the battle of Midway Island. Alan has been researching this subject recently and has discovered some little known facts he wants to share with us. All you history "buffs" will want to catch this interesting presentation.

Friday June 14; **Jay Fidell, Partner, Bendet Fidell Sakai and Lee;** Think Tech Hawaii. Think Tech Hawaii is a group that monitors technology development in Hawaii and hosts a weekly radio call in show on Public Radio. Jay has been a past speaker for our group and this month he returns to tell us about this new group and how his life has changed since he has become one of Hawai's most famous radio celebrities. Jay's talks are always interesting and entertaining so do not miss this one.

Friday June 21; **Dr. Roger White; Physician, Holistica;** A High Tech Approach to Diagnostic Medicine. Holistica Hawaii located in the Hilton Hawaii Village is a medically based health center which uses Electron Beam Tomography (EBT) to accomplish non-invasive, full body, scanning for the assessment of risk for heart and lung disease, cancer, stroke and osteoporosis. Dr. White will discuss this application of high technology and its potential for improving health by early detection of problems.

Friday June 28; **EAH Annual Meeting: Officer Elections; Dalton Tanonaka, Candidate for Lt. Governor;** Hawaii's Asian Connection. Dalton has some interesting ideas regarding Hawaii's ability to become a bigger player in the Asia Pacific Region. He was a past Asian correspondent for CNN and has returned home to Hawaii to teach at the University and run for office. Join us to hear his interesting presentation.

Meetings held every Friday at YWCA room 205 on Richards Street downtown. Parking at Alii Place off Alakea Street for \$1.00 per hour. Meetings start at NOON and end promptly at 1:00 pm.

Members-\$7.50 Guests-\$8.50

Program schedule may be adjusted. Call Secretary to confirm speaker.

Anyone wanting a weekly email meeting notice please send your email address to Sam Gillie at *sgillie@hei.com*.

Meeting Notes for Mar 15

Gene Tani, President of Hawaii State Financial Services Ltd.; "Tax Filing Strategies for 2002"

After Enron, Gene said he hesitates to admit

he is a CPA. Gene also has a PFS. a Personnel Financial Specialist designation. There are about 2000 CPA's in Hawaii. Only about eight have the PFS designation. The means that the CPA trained specifically to be a Financial Planner.

Gene attended ROTC at the UH and was assigned to the 1st Air Cavalry at OnKia in Vietnam after the famous battle, which was featured in the movie "We were Soldiers". Their patch is shaped in the form of a yellow shield with a horse head on one end and black line that crosses the shield. People not in the unit used to say that was the horse they never rode, the river they never crossed and the yellow speaks for itself. The unit was in Korea when the Chinese came down and over ran all the American Units. The 1st Air Cavalry turned and ran so they could never take their colors home, but after their performance in Vietnam, they could.

The bad news for the retirement group is that there is not a lot of tax planning options. What does happen is automatic, like they lowered the tax bracket from 15% to 10%. By the way, if you didn't get your \$600 dollar rebate this year, be sure you show this on your return, because the IRS will credit your return this year. Also, there is something called the marriage penalty. When two people file their returns they get their standard deductions. But now that you are married you don't get two standard deductions, you get less and because the income is also greater, it is in the next tax bracket. To offset that, in 2005, the standard deduction will increase and the level of the 15% bracket increases. So married couples will pay less taxes. The bad news is that it ends in 2010, because there is a mandate to balance the budget and they expect the budget will need to be rebalanced by then. This is a sunset provision of the tax bill. This makes tax planning difficult. The estate tax get less and less and goes away in the year 2010. But everything comes back again in 2011 and at that time your lifetime exemption drops to \$1 million per person. So you can not abandon the estate taxes. Say, a Corporation did really well and had extra earnings. What can you do to reduce their taxes? In this case a person should create the new 401K Profit Sharing Age Weighted Capability Plan. The employee can put away up to \$11,000. It is not on a percentage of income. An owner can hire his wife and pay her \$11,000 and she can put the entire \$11,000 in the 401K. This 401K also lets all the participants borrow up to 50% of the value. Not have to pay taxes or penalty, you just have to pay it back over 5 years. Also, if the President wanted to take care of himself and his key employees, whatever he puts into the program, they would get anywhere from 70% to 90% or most of it.

The rules for 401K are going to be changed to allow more investment choices for the employees, especially after the Enron case. If you are retired, as your deferred income grows, you have a bigger problem for yourself. There are taxable types of investments and deferred types, which means the taxes are deferred, but someday you or your heirs have to pay for it, like annuities and IRA's. These are tax exempt, where you don't have to pay or your heirs, such as municipal bonds and the Roth IRA. So if you have annuities, they will tax it for the income tax and then the estate tax. A dollar in this category can lose as much as 70 cents. 30 cents goes on to the beneficiaries. So you have to plan for this now if you don't want it to go to Uncle Sam. There are ways to take care of this problem

In the old days for the retirement distribution

rules, you could only make two choices and once you made those choices you couldn't change them. The IRS has changed this. Now you can name your beneficiaries and if they didn't want it or need it they can leave it the one who do need. Also you can stretch it out over a period of time. Typically, what would happen is a husband names the wife as the beneficiary and the children the contingent beneficiary. the husband dies, so the wife is the beneficiary. She has two choices. One is to leave it in his name and draw it out over her lifetime or the better choice would be to roll it over into her IRA, so she has the flexibility to control the outflow. Then she would change the beneficiaries to her children. Now the IRA assumes that there are two people and there is a 10-year split so the draw can be stretched out over 26 years. If a wife passes away and the children are the beneficiaries and say she left \$500,000 dollars. At a typical return of 8%, over the life of the children that \$500,000 will pay out in about an 8-fold amount if they take out the minimum distribution. If the child dies, the grandchildren can take over, but they have take it out over the life span of their parent. What does that mean? It means build the IRA up, because you can pass it on to your children and the taxes will be deferred. Because the taxes are deferred and this continues with your children, they will get a lot more than if the taxes were paid and they had a lesser amount to invest.

Because of what happened in the stock market in the last two years, the stock markets are creating products that have a safety net or Guaranteed Minimum Income benefit. These allow you to be in the stock market without having to worry about the market dropping and you losing your money. Typically, if you put in \$10,000 dollars, the worst it will earn is 5% compounded rate of return. But also, on the anniversary date they look at the value. If the value is greater than the previous year they lock it in. They never lock in downwards, they always lock in upwards. Say you invest \$10,000 and the market immediately crashes and it is now \$5,000 dollars and it stay at \$5,000. One of the conditions is that you cannot use the safety net until the 7th year and then on every anniversary date. Say after 7 years the \$5,000 market price still hasn't gone up, but the original \$10,000 would have grown to say \$14,500 at 5%. After 7 years you could get the \$14,500. But more important, say the \$10,000 grew to \$30,000 and in the 7 year it crashes and the value is back to \$10,000. But you can still get the 30,000. They do these things, because a lot of people are afraid of the market. The way they do this is by holding on to your money for as long as they can also they charge you _ of 1% of the balance every year. So for \$10,000 that's \$25. Also, if you use the safety net, you have to draw it out over 10 years. So the idea is the longer they can hold on to your money, they can cover the market dips.

The section 529 is college funding is now tax exempt. So you can invest money tax-free and you can withdraw it tax-free. This is good for grandparents can set up for grandchildren and get money out of the estate. Also the beneficiary can be changed. You can even set on up for yourself.

To get money out of a IRA you can use a combination of tax credits. A Company has been in business to create homes for lower income people and they create a tax credit. If you invest \$10,000 dollars, you can get a 10% tax credit or a \$1,000 dollar tax credit. You plan it so you take out \$1,000 from the IRA and the \$1,000 tax credit wipes it out. At the end you

ASCE, from page 6

Engineering Societies and the ASCE Hawaii Section, Executive Committee, are continuing to explore the option of e-mailing *Wiliki O Hawaii* instead of sending it through the U.S. Postal Service. Visit our website at *www.asce hawaii.org* and register to be on the ASCE email list to receive your copy of the *Wiliki O Hawaii* electronically. There is no charge. However, you must be a current member of the Hawaii Section and have your ASCE membership number available when registering. Once registered you will also receive emails announcing ASCE dinner meeting, ASCE activities, workshops, field trips, and new job listings.

PAST HAWAII SECTION OUTSTANDING CIVIL ENGINEERING ACHIEVEMENT AWARD RECIPIENTS

As ASCE commemorates 150 years of civil engineering achievement, the Hawaii Section would also like to preserve the history of past Hawaii Section Outstanding Civil Engineering Achievement (OCEA) award recipients. Past award winners were identified based on newsletters maintained by Past President Warren Yamamoto and are as follows:

- 1978 Reef Runway, Honolulu International Airport
- 1984 OTEC Cold Water Pipe Test
- 1985 Kahuku Shrimp Farm Project
- 1986 Mililani Granular Activated Carbon Treatment Plant
- 1987 Keehi Interchange, H-1 Freeway
- 1988 Hawaii Science and Technology Park and Seacoast Test Facility
- 1989 Laupahoehoe Harbor
- 1990 Hawaii Deep Water Cable Program
- 1991 Sewer Tunnel Relief Project
- 1993 Wailupe Reconstructed Sewer Project1994 University of Hawaii Special Events
- Arena
- 1996 Nimitz Highway Relief Sewer Project
- 1997 Interstate Route H-3
- 1998 Admiral Clarey Bridge
- 1999 Aiea Heights Bridge Lengthening
 2000 Emergency Rockfall Remediation of Kamehameha Highway at Waimea Bay
- 2001 Nimitz Highway Reconstructed Sewer

If anyone has corrections or additions to the above list, or if anyone would like to share their personal experiences or photographs of the design, construction or operations of these projects are invited to contact Stacey Kimura at ControlPoint Surveying, Inc. at 545-2945 or via email at *skimura@controlpointsurveying.com*.

ASCE HAWAII SECTION 150TH ANNIVESARY POLO SHIRTS FOR SALE

The ASCE Hawaii Section, in support of ASCE's 150th Anniversary, is selling navy blue Polo Shirts in men and women styles for \$30. The polo shirts have the "ASCE Hawaii Section Founded 1937" logo on the left chest area and the official ASCE 150th Anniversary logo on the left sleeve. Support ASCE's 150th Anniversary by buying a Polo Shirt. Contact Tony Lau at *tlau@hawaiipacificengineers.com* or by phone at 524-3771 to place your order. Get yours today!!

HAVE AN ENGINEERING POSITION TO FILL?

Have you visited the ASCE Hawaii Section Job Listing web site recently? Yes, ASCE Hawaii Section has developed a new web page that allows the posting of job openings for the civil engineering community. For a minimum monthly fee of \$40/month, you can advertise up to five job openings to over 1,000 ASCE Hawaii Section members. The ASCE Hawaii Section website is linked with other ASCE section and ASCE student chapter websites, expanding the number of civil engineers with access to your job listing to over 123,000 worldwide. Over the last two years, there have been over 6,000 visitors to the ASCE Hawaii Section website.

Your job listing can be designed to include your company or department logo and any information you require. Please visit our ASCE Hawaii Section website to view our current posted job openings at *www.ascehawaii.org.*

For further information, please contact ASCE Hawaii Section's webmaster, Joanna Seto at (808) 586-4329 or at *jseto@eha.health.state.hi.us.*

DONATION REQUEST FOR SECOND ASCE SCHOLARSHIP FUND

Why not show your support for our Civil Engineering students at the University of Hawaii by sending in a donation for the second ASCE Hawaii Section Endowed Scholarship Fund. Your donation can be written off on your 2002 Taxes. Please send your contribution to Scholarship Chair Joanna Seto at the ASCE Hawaii Section address.

MEMBERSHIP RECRUITMENT

Can you use \$5,000? Members who recruit 150 new, paid members between April 1, 2001, and September 30, 2002, will receive \$5,000 from ASCE. Please contact our Membership Chair, Stacie Saito, at 449-9195 or *Stacie.Saito@hickam.af.mil* for more information.

2002 IS ASCE'S 150th ANNIVERSARY

ASCE is the nation's oldest and most prominent engineering society. Join the celebration on November 5, 2002 in the nation's capital, Washington D.C. Please contact Delwin Ching (*dching@hgea.org*) to find out more information.

ITE, from page 4

cost of acquiring the needed right-of-way and realigning the trail. The major challenge for the portion of the trail between Ewa and Aiea will be the required infrastructure improvements. There are a number of bridges along that segment, as well as, 12 street crossings and 3 tunnels that would need upgrades or repairs. For example, there is a tunnel located near McGrew Point that has been backfilled over the years and would need to be excavated for use by the train. In addition to the work required to create the historic trail, over 30 miles of extensions and connections would be required for existing infrastructure to connect to the proposed project. The master plan was finalized in May 2001 and a volunteer organization was set up to oversee the implementation of the plan. The next step for the project will be the development of a 2 miles section of the trail as a demonstration project.

June Meeting Announcement

The June Section meeting date, location, and guest speaker will be announced at a later date. Meeting notices are forthcoming.

ASME, from page 4

of Hawaii, Manoa, Department of Mechanical Engineering was held on May 17 at the University Post Building Donald Kim Laboratory. The results of the competition will be published in the July Wiliki.

2003 ASME-HI OUTSTANDING PROJECT AWARD

The 2002 competition is over and we are accepting nominations for the 2003 competition. Please contact any officer or director for more information to nominate a project or design.

ASME REGION IX NEWS

For those who know or are familiar with our Region IX Director, Lynden Davis, he will be retiring effective July 1, 2002. Davis says he plans to stay active as an ASME volunteer. Davis has been Region IX Director for many years and has visited the Hawaii Senior and Student Sections many times over the years. A replacement director has not been selected yet.

HALS, from page 4

ACSM may wish to become part of the Congress for specific or ongoing issues. Final approval of the plan is subject to a vote of the ACSM members this fall.

Progress on the development of the plan will be posted on the ACSM website, *www.acsm.net.*

EAH, from page 8

may get your \$10,000 back or if you get \$0 back you can write that off and if you are in a 35% tax bracket you've made 35%.

Another idea is, if you have a life insurance policy that you've kept for it's cash value. You can get life insure policies in combination with long term care. If you roll the cash value into this type of policy, you have a death benefit but also you can use it you have to go into a nursing home of long term care. The long-term care is typically 2 times the death benefit. If you never use it, it goes on to your beneficiaries. You should see a planner about this.

Professional Directory



Professional Directory



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