



# ASHRAE

Hawaii Chapter

## HE EA MAKAMAE

A monthly publication by the American Society of Heating Refrigerating and Air Conditioning Engineers, Inc.

SY 2008-09, Issue #10 HONOLULU, OAHU, HAWAII May 2009

### JUNE "FUN" EVENING INSTALLATION OF OFFICERS NIGHT

Friday, June 12, 2009

**Main Program: Who's Who in Hawaii Chapter for SY 2009-10**

**PMS Session: "Just Like Vegas"**

- 5:00-5:30 PM Registration
- 5:30-6:30 PM Installation of Officers
- 6:30-7:00 PM Attitude Adjustment / Set-up for Casino
- 7:00-9:00 PM Buffet Dinner / "Just Like Vegas"
- 8:45-9:00 PM Prizes & Goodies

**REGISTRATION:** RSVP Kevin Saito [kevin.saito@trane.com](mailto:kevin.saito@trane.com) and remit payment to ASHRAE Hawaii Chapter, P.O. Box 3916, Honolulu HI 96812-3916 by June 8, 2009. Otherwise, for expedient registration, remit payment via "PayPal" by clicking <http://hawaii.ashraechapters.org>.

**RSVP (Pre-registration):** All pre-registrants (show or no show) will be billed accordingly.

- ASHRAE Members: \$50 per person
- Non-Member: \$55 per person
- Children (10-17): \$25 per person; Children (9 & below): FREE

**No RSVP (Registration on-site):**

Regardless of Members or Non-Members: \$75 per person

### MAIN PROGRAM:

*Who's Who in Hawaii Chapter for Society Year 2009-2010*

This month's main program will feature the installation of Chapter Officers & Board of Governors for Society Year 2009-2010.

The officers are as follows:

**Albert Hahn, P.E.** will be our Chapter President and will serve as the Chairman of the Board of Governors. Albert is currently serving as a mechanical engineer for Douglas Engineering.

**Dicson Aggabao** will be our Chapter President-elect and will also serve as CTTC (Chapter Technology Transfer Committee) Chairperson. Dicson is currently serving as Sales Engineer for Carrier Hawaii.

**Michael Chang** will be our Chapter Vice President and will serve as the Newsletter Editor and Webmaster. Michael is currently serving as Branch Manager for Johnson Controls Inc. / York International (Hawaii Branch).

**Barry Jim On, P.E.** will be our Chapter Secretary. Barry is currently serving as the Vice President of InSynergy Engineering Incorporated.

### DIRECTIONS TO THE WILLOWS

901 Hausten Street, Honolulu (Phone: 952-9200)

**FROM DIAMOND HEAD (Westbound):** Take H-1 and exit at Kapiolani Blvd cut-off. Go past University Avenue & turn RIGHT at Hausten Street.

**FROM EWA (Eastbound):** Take H-1 and exit at Isenberg Street cutoff. Turn LEFT on King Street and take the 2nd RIGHT into Hausten Street.

**Rick Schnarr** will be our Chapter Treasurer. Rick is currently the Sales Manager of Trane Pacific.

The members of the Board of Governors (BOG) are as follows:

**Joseph K. Ting, P.E.** will be our Immediate Past President, who will automatically serve as a member of BOG. Joseph is currently serving as mechanical engineer in the Construction Services of InSynergy Engineering Incorporated. He also teaches Course 417 (Applied Thermal Engineering) at University of Hawaii in Manoa.

**William Lee, P.E.**, a member of BOG, will serve as Chapter Programs Committee Chairman. Bill is currently the Principal of Mechanical Engineers of Hawaii Corporation.

**Paul Scott**, a member of BOG, will serve as Research Promotion Committee Chairman. Scotty is currently President of Engineered Systems, Inc.

**Kevin Saito, P.E.**, a member of BOG, will serve as Technology (Energy) Awards Committee Chairman. Kevin is currently a Comprehensive Solutions Account Manager for Trane Pacific.

### All High Rollers et al:

**1. Registration starts at 5:00 PM and ends at 5:30 PM. All attendees must register to receive 2-drink tickets and \$500 fake money at the registration desk.**

**2. Play Time starts at 7:00 PM and ends at 8:30 PM. You may use the \$500 fake money to purchase chips with the dealer serving the black jack, roulette or crap table. Otherwise, you can exchange them for 5 raffle tickets, which will be drawn for all prizes.**

**3. Cash-in Time starts at 8:30 PM and ends at 8:45 PM. Each \$100 worth of chips is redeemable for a raffle ticket. You can redeem to a maximum of 10 raffle tickets per person regardless of how much chips you have on-hand.**

**4. Raffle Drawing Time starts at 8:45 PM and ends at 9:00 PM.**

**For more information, go to our Hawaii Chapter website at [www.hawaii.ashraechapters.org](http://www.hawaii.ashraechapters.org).**

### ***PMS (Psychological/Mental/Social) SESSION:***

#### ***"Just Like Vegas"***

This session will focus on having FUN by sharpening your psychological, mental & social skills. Key features include on how you exercise your personal skills in interacting with your colleagues and customers on a daily basis.

"Just Like Vegas", life is a gamble when dealing with PEOPLE. No matter what you do, there is absolutely no BLACK or WHITE .... It is usually GRAY. You can make guesses. Sometimes you win and most of the times, you feel that you lose. In reality, it is indeed a 50/50 equitable WIN-most enhanced (a.k.a. most people choose to strike a WIN-LOSE knowing that the table turns against them to have a LOSE-WIN situation before they come to realize that the paradigm has shifted.



Anyways, we want our members and their friends to come and have FUN. If you are not having FUN when you are actively participating in whatever you do, please do yourself a favor.... Kindly get the hell out of the situation.

FUN stands for: F as in FAIR, U as in UNDERSTANDING, and, N as in NICE. Note that if you are fair to yourself, you will surely be fair to others. Until you understand yourself well enough to be understood, do not expect others to understand you. When you are fair and understanding, it will come naturally for you to be nice. No one will ever fault you for being nice. Nevertheless, they will fault you for being NOT nice.

**REGISTRATION FORM**

Name (Member): \_\_\_\_\_

Guest (Non-Member): \_\_\_\_\_

Address: \_\_\_\_\_

Phone #: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

<b>INSTALLATION NIGHT (80 Attendees – RSVP by COB on June 8)</b>			
	Number	Cost	Total
Member		\$50	
Non-member		\$55	
No RSVP (walk-in Mbr or Non-Mbr)		\$75	
Children (10 – 17 years old)		\$25	
Children (9 years & below)		FREE	
Cost includes: Food (heavy pupus / dinner) & Drinks (2 tickets each) at The Willows; Games (Just Like Vegas) & Prizes;			
<b>TAX-DEDUCTIBLE DONATIONS ( _____ Sponsor):</b>			
<b>Platinum Sponsor:\$500+</b>	<b>Gold Sponsor:\$250-\$499</b>		
<b>Silver Sponsor:\$100-\$249</b>	<b>Bronze Sponsor:\$20-\$99</b>		
<b>TOTAL AMOUNT ENCLOSED</b>			
Make check payable to <b>ASHRAE Hawaii Chapter.</b> Send check to <b>P.O. Box 3916 Honolulu, HI 96812-3916.</b>			

**Installation of 2009-10 Officers Night**

**OFFICERS**

President Albert Hahn, P.E.  
 President-elect Dicson Aggabao  
 Vice President Michael Chang  
 Secretary Barry Jim On, P.E.  
 Treasurer Rick Schnarr

**BOARD OF GOVERNORS**

Joseph K. Ting, P.E. (Immediate Past President), Kevin Saito, P.E.,  
 William Lee, P.E., Paul Scott

**GRASSROOTS COMMITTEE**

Chapter Technology Transfer  
 Chapter Programs  
 Technology (Energy) Awards  
 Membership Promotions  
 Research Promotions  
 Student Activities

**CHAIRPERSON**

Dicson Aggabao  
 William Lee, P.E.  
 Kevin Saito, P.E.  
 Mofazzal Mir  
 Paul Scott  
 Paul Fukunaga, P.E.



“Just Like Vegas” .... A Game of Craps



“Just Like Vegas” ..... A Game of Black Jack



**The Willows**

**ASHRAE (American Society of Heating Refrigerating & Air-Conditioning Engineers, Inc.)**



**Installation of  
 2009-10 Officers Night  
 June 12th (Friday)**

**5:00 PM ~ 5:30 PM: Registration**

**5:30 PM ~ 6:30 PM: Installation of Officers**

**(To Be Officiated by Region X DRC: Jack Zarour, P.E.)**

**6:30 PM ~ 7:00 PM: Attitude Adjustment/Set-up**

**7:00 PM ~ 9:00 PM: Buffet Dinner/“Just Like Vegas”**

**Hosted By**

**ASHRAE HAWAII CHAPTER  
 EXECUTIVE COMMITTEE**

[www.hawaii.ashraechapters.org](http://www.hawaii.ashraechapters.org)

**The Willows**

**901 Hausten Street  
 Honolulu, HI 96826  
 Phone: (808) 952-9200**

## PRESIDENT'S MESSAGE – Joseph K. Ting, P.E.

May 14<sup>th</sup> monthly meeting pretty much concluded the technical activities for the year (DO & DON'T Session as well as Main Technical Program).

**Why is it so hard to have successful controls projects?** The principal and co-founder of Facility Dynamics Engineering, **Jay Santos, P.E.** shared with us and highlighted the “Five Principles of Controls Design/Specification”, which should include the master planning of DDC systems. He also provided our design engineers some guidance to write specification and the sequence of operations for DDC systems. Moreover, he spelled out to our contractors their responsibilities to properly commission the project and to promptly submit the required documentation including O&M Manuals for each system. If you needed a copy of his presentation, feel free to email me.



Top photo depicts our chapter PP Ken Richardson thanking our main program's speaker, Jay Santos, P.E. for his timely delivering of HVAC&R Controls to our chapter membership.

At the DO & DON'T Technical Session, PECO's Regional Sales Manager **Marcia Christiansen**, discussed methods for improving energy efficiency by using programmability in conjunction with occupant adjustment accessibility, infrared occupancy sensing, and, newer robust wireless technology to meet applications requiring energy saving features using a wireless control strategy.

Our chapter PP Rolf Klein thanked the technical session's speaker, Marcia Christiansen for providing us her presentation pertaining to the improvement of energy efficiency using modern thermostat technology for

new and retrofit application in all HVAC&R systems.

As we wind down the year, we cordially invite you to our last social event at The Willows. We look forward to your participation at the FUN evening on June 12<sup>th</sup> (Friday). Please register early so that you can get a seat for the casino night.

### CRC (Chapter Regional Committee) Report

At the recent CRC 2009, the Hawaii Chapter received numerous accolades. The list of Society Year 2007-08 awards received at this CRC held in Irvine, California is as follows:

#### SAMUEL GILLIE (2007-08 Chapter President)

- Received PAOE (Presidential Award of Excellence)
- Received Special Citation
- Received Sustainability Activities

#### MIN ZHONG (2007-08 Chapter Membership Promotion Chairman)

- Received Red Ribbon Award for success in Membership Growth (2<sup>nd</sup> Place)

#### JOSEPH TING, P.E. (2007-08 Chapter Student Activities Chairman)

- Received Outstanding Achievement in Overall PAOE Points for Student Activities
- Received K-12 & Post High School Activities for Student Activities
- Received Student Increase from Last Year for Student Activities
- Received Students Member Attending ASHRAE Meetings for Student Activities

#### 2008-09 ASHRAE REGIONAL TECHNOLOGY AWARD

- Louis Cheng, P.E. & William Lee, P.E. received 1<sup>st</sup> Place Region X Commercial Buildings (New) for Punahou Schools - Case Middle School



## CHAPTER TECHNOLOGY TRANSFER – Albert Hahn, P.E.



In the next few days, the Chapter will be hosting a previously recorded Webinar (website seminar) on “Mold”. AIA Honolulu agreed to co-sponsor this Webinar with us at **NO CHARGE** to our members. If you want to know more about mold and/or you need four (4) continuing education credits or PDH (professional development hours) for your professional license, this is the webinar that you should attend. Seats are limited to the first 30 people. To sign-up online for this “Webinar”, click on AIA web calendar, <http://www.aiahonolulu.org/cde.cfm?event=263552> where you can register and where it helps AIA to keep track of who are attending the Webinar. Here is a quick snapshot of the date, time & location of the Webinar.

**Date: May 27 & 28 (Wednesday & Thursday)**

**Time: 11:30 AM - 1:30 PM**

**Location: 119 Merchant Street, Suite 402 (4th Floor), AIA Conference Room**

This Society year, we are fortunate to have two submissions for the Technology (Energy) Awards. It appears to be the first time in the history of Hawaii Chapter to participate. We have selected and entered both submittals to Region X CTTC for regional competition. Thermal Engineering Corporation (TEC) submitted the UH John A. Burns, School of Medicine (JABSOM) project and competed region-wide in the category classified as Institutional Building (New). Mechanical Engineering of Hawaii (MEH) submitted the Punahou Schools - Case Middle School project and competed region-wide in the category classified as Commercial Building (New). At the CRC 2009 held in Irvine CA, Louis Cheng, P.E. & William Lee, P.E. received the “1<sup>st</sup> Place Region X Commercial Buildings” for the Punahou Schools - Case Middle School projects MEH submitted. This winning submission will be forwarded to the Society Chapter Technology Transfer Committee for further competition Society-wide. Congratulations MEH!

Towards that end, we encourage the rest of the other consulting firms to follow the footsteps and submit their “Energy” projects for next year. We can then enter your submission(s) to compete region-wide and Society-wide for the Technology Awards. If your company won the competition, it should help to market your companies on a larger scale.

## HISTORICAL COMMITTEE – Harendra Panalal, P.E.

Provided for your leisure reading is the “Leadership Recall Interview” with 2004-05 Past President Victor L. Russell, which was conducted on 5/21/09 by Harendra Panalal.

1. **HP: What were your motivating factors to study mechanical engineering? Do you have second thoughts that you may have chosen a different profession?**  
VLR: I was always interested in the automotive field; cars, motor cycles, etc., so mechanical engineering was my chosen major, after briefly considering electrical engineering. Consulting engineering is all I have done, so I have not indulged in any other profession so far.
2. **HP: I presume you were born and raised in Nebraska. Where did you start working as an engineer?**  
VLR: Yes. After graduation, I worked in Omaha, Nebraska for a small mechanical/electrical consulting firm. I was the second engineering graduate they hired, and I replaced the first one. The firm now has over 100 personnel, and the sons of Mr. Alvine are the principals.
3. **HP: What type of work did you do at Alvine & Assoc.?**  
VLR: Alvine & Assoc. was a mechanical/electrical consulting firm where I was working as junior engineer (EIT) supporting senior project engineers. During lunch hours, I was trying to learn all I could by reading ASHRAE Handbooks.
4. **HP: What made you come to Hawaii?**  
VLR: I came to Hawaii based on what I had heard about the Islands from other engineers in our Omaha office, who really liked Honolulu, so I decided to see for myself. I wrote about fifty letters of application for a suitable job. About half of them replied that they had no job openings, and dissuaded me from coming. With a reference letter from my boss to his friend Robert Hamilton, I came anyway. Bob guided me to possible employment opportunities but no suitable ones were open at that time. Bob was going to give me a job so I did not have to go back to the mainland but I kept looking on my own. Ten

days after arriving in Honolulu, I went to work for Darrow-Sawyer and Assoc. Inc. (now DSA Engineering Inc. which I am still with).

5. HP: I know Van Darrow and Houghton Sawyer used to design machinery for sugar and pineapple plantations. Can you let me know what type of machinery design you did? I used to design machinery for bottle caps, construction equipment, etc.

VLR: Although I was not a machine designer, I occasionally assisted Houghton Sawyer with a 'production' type effort. He had a long interesting career in his field, and one could learn a lot from him. For over thirty years, he was the chief engineer for Libbey-McNeil, and also worked for other pineapple companies. However, I was mainly working with Mr. Darrow, a kamaina HVAC engineer who started his career here when the A/C industry was beginning in Hawaii.

6. HP: You have been a principal in DSA Engineering for many years. What do you think are major advantages and drawbacks of being in your own business?

VLR: The main advantage, I would say, is that to some extent, you are in charge of your own fate. Generally, time and effort put in your own business, can deliver rewards, but outside forces always influence the final outcome.

7. HP: What are some major projects you have designed? What types of challenges did they involve?

VLR: Some of the major projects I had worked on in Hawaii, are listed as follows:

- a. University of Hawaii at Manoa: Oceanography and Marine Lab
- b. Queen's Medical Center: Cancer Center of Hawaii
- c. Hawaii Kai: Commodore Condominium
- d. Pearl Harbor: Bowfin Submarine Museum and Park
- e. Schofield Barracks: Tactical Equipment Maintenance Facility
- f. Weyerhaeuser Corp.: Shipping Container Plant
- g. Foremost Dairy: Addition of Milk Cooler with Extension of Existing Ammonia Refrigeration System
- h. Kaneohe Marine Corps Air Station: Aircraft Rinse Facility for Fighter Squadron
- i. Many Water Heating Heat Pump Projects, including Kukui Plaza and Halawa Correctional Facility
- j. State Capitol Building, Energy Improvement Projects



8. HP: With your vast experience, what advice would you like to give young engineers?

VLR: Young engineers should find a field they truly enjoy, learn all they can about it, and apply their knowledge to the best of their ability.

9. HP: You have been involved in many technical societies. We know that it is quite time consuming. What are the major advantages in being so active?

VLR: What I enjoyed most about the engineering groups, is the people, and the long term fellowship. In business, it is of great benefit to network, and engineering societies are one of the best means to do that.

10. HP: Since you maintain licenses in five states, I presume you do occasional business in all of them. What challenges do you face when dealing with out of state projects?

VLR: Working out of state on HVAC projects necessitates not only being familiar with the local codes but site specific criteria for design work. For instance, in Hawaii, space heating is generally not needed so the challenge in climates where it is a standard would be to apply good engineering practices for this scope of work to achieve the system design. This is only one example, but all engineering problems can be solved by involving knowledgeable people whether in Hawaii or out of state.

11. HP: What suggestions would you like to make ASHRAE Hawaii Chapter more useful to its members? I presume you will be a life member in about five years. At that time, we shall ask you to give a talk on 'Senior Moments'.

VLR: At present, I think ASHRAE Hawaii Chapter is serving its membership very well. Recruiting and retaining members are important, and the Chapter seems to be doing well in this with strong student branches (UHM & HCC) included. Offering seminars and great technical programs at the meetings should be maintained because engineers need to be continually informed about the latest technology.

12. HP: Being active in ASHRAE Hawaii Chapter for 35 years, what are some of the fondest memories of persons or events you would like share with others?

VLR: Memories I have are of all the past members who served giving their time and energy to keep the Hawaii Chapter as one of the best in the Society. This has been instilled in our present chapter leaders and membership as well. As far as persons, I'd say it would be our chapter founders that I've had the pleasure to know. The CRC and Society meetings held in Honolulu were noteworthy events. Of course, I'd have to include all the officers, committee chairs and members who supported me when I was honored to be the Hawaii Chapter President.

To all past presidents, we urge you to step-up to the plate and have your interview with Harendra Panalal. Mahalo.

## STUDENT ACTIVITIES – Paul Fukunaga, P.E.



**CRC 2009 SAC Report:** Regional Vice Chairperson for Student Activities Karine Leblanc led the workshop. She mentioned that at the Society level, the focus is to appeal to the students and young engineers that the HVAC&R industry has an important role in improving the world and sustaining it. This HVAC&R message should be presented in a fun way in order to appeal to our young people, who are the lifeblood of our Society. The ASHRAE Society website includes a Student Zone section that provides information about the HVAC&R Industry and the people who work in our Industry.

One of the resources is the interview with younger ASHRAE members that is interspersed with a rap video soundtrack called “License To Chill”, which explains that ASHRAE is about heating and cooling for comfort thus having an impact on the environment. If you are interested, please cut/paste or click this URL address [www.ashrae.org/students/page/951](http://www.ashrae.org/students/page/951). Karine presented other resources that are available from the Society Student Activities Committee and are downloadable for distribution to any schools for their career planning.

Based on the discussion with the other chairmen present at the CRC 2009, like the University of Hawaii, other universities concentrate their curriculum on research and development in aerospace, biomedical, computer and other high technology industries. The lack of HVAC&R courses at many universities & colleges makes the recruitment of young engineers into the HVAC&R field more and more difficult. The consensus was that a more grassroots type of approach at the students’ level is needed to make the engineering students aware of the careers in HVAC&R that are available. When sharing our experiences, we need to emphasize the importance & the stability of our HVAC&R industry.

## MEMBERSHIP PROMOTION – Min Zhong, P.E.

At the recent Chapter meeting, our MP Chair presented gift certificate to the new members as shown in the photograph. Posed with Min Zhong are: Kevin Chock (Chelsea Group), Michael Mucha (JCI), Archibald Makatini (JCI), Jonathan Muratsuka (Heide & Cook) & Ross Sasamura (Heide & Cook). Welcome Aboard! We also want to thank the list of Society members who have recently paid their Chapter dues (Mahalo Nui Lao) to support our activities:

<i>Adam Negele</i>	<i>Albert Hahn</i>	<i>Brian Coday</i>	<i>Deron Jyo</i>	<i>Dyrk Teramae</i>
<i>Gary Gribbon</i>	<i>Jake Gribbon</i>	<i>Jason Huffman</i>	<i>Jonathan Muratsuka</i>	<i>Justin Kawwale</i>
<i>Kevin Chock</i>	<i>Matt Ortscheid</i>	<i>Mofazzal Mir</i>	<i>Ross Sasamura</i>	<i>Scott La Beau</i>
	<i>Sheldon Fukamizu</i>	<i>Victor Russell</i>	<i>Yoon Sung Hwang</i>	

They should now have Roster for Society Year updated online. Note make sure our accurate and current assistance to get into [www.ashrae.org](http://www.ashrae.org) and information was outdated.

To the other Society inadvertently not paid remit your \$20 check Hawaii Chapter. Send Honolulu HI 96812.

have benefited from the service provided by the Chapter for the past 11 months and the only request our Chapter wants



the access to our Chapter 2008-09, which is now that we’ve tried our best to members' information is as as possible. We need your the Society website, make necessary changes if found to be incorrect or

members, who have the Chapter dues, please payable to ASHRAE it to P.O. Box 3916 We take it that you must

from you is to pay your share for the benefits you've received. For those of you who have recently sent your remittance, we appreciate your effort and support. Listed below are those Society members who have NOT paid their Chapter dues:

<i>Andrew Petersen</i>	<i>Isaac Duncklee</i>	<i>Lori Ann Arakawa</i>	<i>Nicholas Allday</i>	<i>Stephen Timpson</i>
<i>Brian Kang</i>	<i>Joey Resurreccion</i>	<i>Mark Kalahale</i>	<i>Pam Farnsworth</i>	<i>Steve Olsen</i>
<i>Clayton Oku</i>	<i>Joseph Semeniuk</i>	<i>Matthew Briley</i>	<i>Patrick Sharkey</i>	<i>Thomas Chong</i>
<i>Clayton Shobu</i>	<i>Kamuella Lacerdo</i>		<i>Randy Iwamoto</i>	<i>Todd Beiler</i>
<i>Dennis Kephart</i>	<i>Keith Nakanishi</i>	<i>Michael Conway</i>	<i>Rick Schnarr</i>	<i>Wesley Tyau</i>
<i>Dominador Agluba</i>	<i>Kevin Chong</i>	<i>Michael Yatsushiro</i>	<i>Sage Kiyonaga</i>	<i>William Denham</i>
<i>Donald Kaitoku</i>	<i>Kyle Cheng</i>	<i>Neil Asato</i>	<i>Stefan Beresivsky</i>	<i>William Tanruther</i>

## RESEARCH PROMOTION – Marites Calad

The Chapter has a very successful year. We met & exceeded our Chapter goal (\$15,000) on February 27, 2009 when we completed our 2<sup>nd</sup> Product Show & Technical Seminar at East West Center, University of Hawaii at Manoa. We also met the \$60,000 goal for Lester Nakata Memorial Funds (ASHRAE Foundation for Scholarship in Refrigeration), which was established by former RP Chair Joseph Ting in SY 2006-07.

On May 1<sup>st</sup>, Marites & Joseph presented a \$25,175.46 check to Society President-elect Gordon Holness at the CRC 2009 held in Irvine, California. Also included in this photograph are RVC RP Tiffany Bates and DRC Jack Zarour. During the recent RP Night, \$70 was collected and the lucky winner of the 50/50 raffle was Jonathan Muratsuka, a new ASHRAE member from

Heide & Cook. Jonathan decided to contribute the entire amount back into ASHRAE Research. We thank him for his generosity and will include his contribution in the LNMF. We encourage all sponsors to attend our upcoming social event on 6/12/09 so that we can recognize them.



### Platinum Sponsors (\$1000+)

ACS Supply / Johnson Controls Inc. – Kevin Ishikawa / Michael Chang  
 Air Treatment Corporation – Timothy Thomas  
 Critchfield Pacific Inc. – Ronald Swenson  
 Heide & Cook / AirReps Hawaii – Earle Matsuda  
 Island Controls – Kenneth Richardson  
 Mitsubishi Electric & Electronic – Rory Itano  
 Norman S. Wright – Marites Calad  
 Trane Pacific – Rick Schnarr

### Gold Sponsors (\$300 - \$999)

Admor HVAC Products Inc. – Drew Santos	Baxter Rutherford – John Delaney
Belimo Americas – Tami Holderby	Clothier & Rose Company – Donald Clothier
Clyde Equipment Co. (AERCO) – Ed Havern	Dorvin D. Leis Co. – Stephen Leis
DMG Hawaii – Scott La Beau	Engineered System – Paul Scott
JM Sales (Chicago Faucets) – David Lord	Joseph H. Schauf Inc. (BAC) – John Juckizwicz
LN Sales Inc. – Lyle Nakamura	NEBB (Northern CA & Hawaii) – Curtis Worley
Starr and Company Inc. – James Starr	Sunetric (Suntech Hawaii) – Eric Carlson
The Bathroom Store – Ryoko Mizushima	The Gas Company (GASCO) – Sharon Shigemoto
Thermal Engineering Corp. – Kevin Machida, P.E.	Victaulic – Brian Houghton



## Silver Sponsors (\$100 - \$299)

Albert Hahn, P.E.  
Delta Controls – Gerald Garbarino  
Dicson Aggabao  
Joseph K. Ting, P.E.  
Marites Calad  
Sam Fujikawa  
Tyson Toyama, P.E.

Clifford Yuen, P.E.  
DJ Enterprises LLC – Daryl Jean Nakata  
Harendra Panalal, P.E.  
Michael Chang  
Paul Fukunaga, P.E.  
Sam Gillie, P.E.  
Victor Russell, P.E.

## Bronze Sponsor (<\$99)

Owen T. Muramatsu

Jonathan Muratsuka

# BOARD OF GOVERNORS' MEETING MINUTES – 04/23/09

1. Meeting called to order by Joseph Ting at 11:40 AM.
2. Attendees: Joseph Ting, Albert Hahn, Michael Chang, Barry Jim On, Ken Richardson, Sam Gillie, Harendra Panalal, Marites Calad, Min Zhong, and Paul Fukunaga. Chapter members & guest attended: Bill Lee, Paul Scott and Isaac Opedal.
3. Approval of 4/23/09 Meeting Minutes: No further objections taken – Unanimously approved.
4. Treasurer's Report: No treasurer's report provided.
5. Status of IRS Filing: Our request for extension from IRS was denied. Reconsideration letter submitted with certified mail. IRS penalty will either be \$20/day back to Feb 15<sup>th</sup> or 5% gross penalty whichever is lower.
6. Newsletter: Request articles submittal from each committee chair (Due 4/23/09) for next issue.
7. Status of 2009 CRC Annual Report: To include the additional activities in our final report.
  - a. Chapter Tech Transfer: Two Energy (Technology) project submissions were received and forwarded for Society-wide competition via Region X further review & consideration – MEH (Punahou Case Middle School) & TEC (UH JABSOM).
  - b. Student Activities: The result of the Hawaii Academy of Science sponsored Science Fair was reported. A written article about the award recipients & their science projects was submitted.
  - c. Membership Promotion: About 40% of Society members paid their chapter dues. We need to work on it. Roster will be released at the website with password protected access by April 26, 2009.
  - d. Research Promotion: We raised more than \$25,000, which met our Chapter goal (\$15,000) completed our LNMF goal (\$60,000).
  - e. Chapter Programs: Completed this year's programs, Website seminar (webinar) to be announced.
  - f. Golf Tournament: This event raised about \$4000 for ASHRAE Research.
  - g. Liability committee: Joseph established an Adhoc Committee to be chaired by Scottie. Other committee members are Ken, Sam G & Albert (Committee to review MCO).
  - h. History: Continued to interview other past presidents
  - i. Finance: CRC highlights were reported.
  - j. Honors & Awards : Sam Gillie & Marites Calad are nominated for Chapter Service Award. It was reported that Alan Lloyd and Fred Kohloss can sponsor Joel Yuen for ASHRAE Fellow.
  - k. YEA Activities: Tour of Coconut Island (Date To Be Determined)
8. Installation Night: Note the change. It will be June 12<sup>th</sup> in lieu of June 11<sup>th</sup>.
9. New Business:
  - CRC Motions: Four drafted motions were distributed for review and comment. With no further comments received by the Closing of Business on 4/27/09, Chapter Delegate/Alternate will present at Region X CRC 2009 on May 1-2, 2009.
  - HCC Building Engineer Program is searching for volunteers to teach.
10. Meeting adjourned at 12:40 PM.

## **JOB OPPORTUNITIES – Energy Resource Manager for PACAF**

The principal function of this position is to project manage and develop, oversee, manage, and train personnel in the procedures to comply with Department of Defense energy policies.

The Energy Resource Manager will provide the following services:

- Review and/or develop energy resource management plans
- provides multidisciplinary design co-ordination and management
- advises and supports local team leaders
- reviews resource performance, management, and policy effectiveness consistent with personnel behavior
- contributes to and provides support to energy resource management, strategies, and procedures
- undertakes assessment of staff and advises on training plans
- Address compliance and provide advice with regard to the following references:
  - Energy Policy Act of 2005,
  - Energy Independence and Security Act of 2007, and
  - National Energy Policy.

Contact: Email Guy Ontai [ontai@alakai.us](mailto:ontai@alakai.us) for more information.

*Disclaimer: ASHRAE Hawaii Chapter & the Society do not and will not endorse any of the products or services displayed in this newsletter. Statements made in this publication are not expressions of the Society or the Chapter and may not be reproduced without special permission of the chapter.*

## **HAWAII CHAPTER OFFICERS BOG's & COMMITTEE CHAIRS**

### **CHAPTER OFFICERS:**

#### **PRESIDENT**

Joseph Ting, P.E.

[tingj002@hawaii.rr.com](mailto:tingj002@hawaii.rr.com)

#### **PRESIDENT-ELECT**

Albert Hahn, P.E.

[ahahn@douglasengineering.com](mailto:ahahn@douglasengineering.com)

#### **VICE PRESIDENT**

Dicson Aggabao

[daggabao@carrierhawaii.com](mailto:daggabao@carrierhawaii.com)

#### **SECRETARY**

Tyson Toyama, P.E.

[toyama@okahara.com](mailto:toyama@okahara.com)

#### **TREASURER**

Michael Chang

[michael.j.chang@jci.com](mailto:michael.j.chang@jci.com)

### **BOARD OF GOVERNORS:**

Barry Jim On, P.E.

[bjimon@insynergyeng.com](mailto:bjimon@insynergyeng.com)

Eric Nakagawa, P.E.

[rma-eric@hawaii.rr.com](mailto:rma-eric@hawaii.rr.com)

Ken Richardson

[ken@islandcontrols.com](mailto:ken@islandcontrols.com)

Rick Schnarr

[rischnarr@trane.com](mailto:rischnarr@trane.com)

Samuel Gillie, P.E.  
[sam.gillie@heco.com](mailto:sam.gillie@heco.com)

### **COMMITTEE CHAIRS:**

#### **ATTENDANCE & RECEPTION**

Mofazzal Mir

[mmir@insynergyeng.com](mailto:mmir@insynergyeng.com)

#### **CHAPTER PROGRAMS**

Kevin Saito, P.E.

[Kevin.Saito@trane.com](mailto:Kevin.Saito@trane.com)

#### **CHAPTER TECH TRANSFER**

Albert Hahn, P.E.

[ahahn@douglasengineering.com](mailto:ahahn@douglasengineering.com)

#### **COMMUNICATION (PUBLICITY)**

Gene Albano, P.E.

[gene.albano@lincolnescott.com](mailto:gene.albano@lincolnescott.com)

#### **GOLF TOURNAMENT**

Sam Fujikawa, P.E.

[FujikawaSam@contmech.com](mailto:FujikawaSam@contmech.com)

#### **HISTORICAL**

Harendra Panalal, P.E.

[henryP@leisinc.com](mailto:henryP@leisinc.com)

#### **HONORS & AWARDS**

Samuel Gillie, P.E.

[sam.gillie@heco.com](mailto:sam.gillie@heco.com)

#### **LONG RANGE PLANNING**

Robert Hann  
[rshann@trane.com](mailto:rshann@trane.com)

#### **MEMBERSHIP PROMOTION**

Min Zhong, P.E.

[mzhong@insynergyeng.com](mailto:mzhong@insynergyeng.com)

#### **NEWSLETTER EDITOR /**

#### **WEBMASTER**

Dicson Aggabao

[daggabao@carrierhawaii.com](mailto:daggabao@carrierhawaii.com)

#### **PRODUCT SHOW**

Ken Richardson

[ken@islandcontrols.com](mailto:ken@islandcontrols.com)

Rick Schnarr

[rischnarr@trane.com](mailto:rischnarr@trane.com)

#### **REFRIGERATION**

Eric Nakagawa, P.E.

[rma-eric@hawaii.rr.com](mailto:rma-eric@hawaii.rr.com)

#### **RESEARCH PROMOTION**

Marites Calad

[mcalad@norman-wright.com](mailto:mcalad@norman-wright.com)

#### **STUDENT ACTIVITIES**

Paul Fukunaga, P.E.

[fukunaga@thermaleng.com](mailto:fukunaga@thermaleng.com)

#### **TECHNICAL SEMINAR**

Barry Jim On, P.E.

[bjimon@insynergyeng.com](mailto:bjimon@insynergyeng.com)

#### **YOUNG ENGINEERS OF ASHRAE**

Alayna Shima

[alayna@katayama-assoc.com](mailto:alayna@katayama-assoc.com)