



ASHRAE

Engineering for the World We Live In

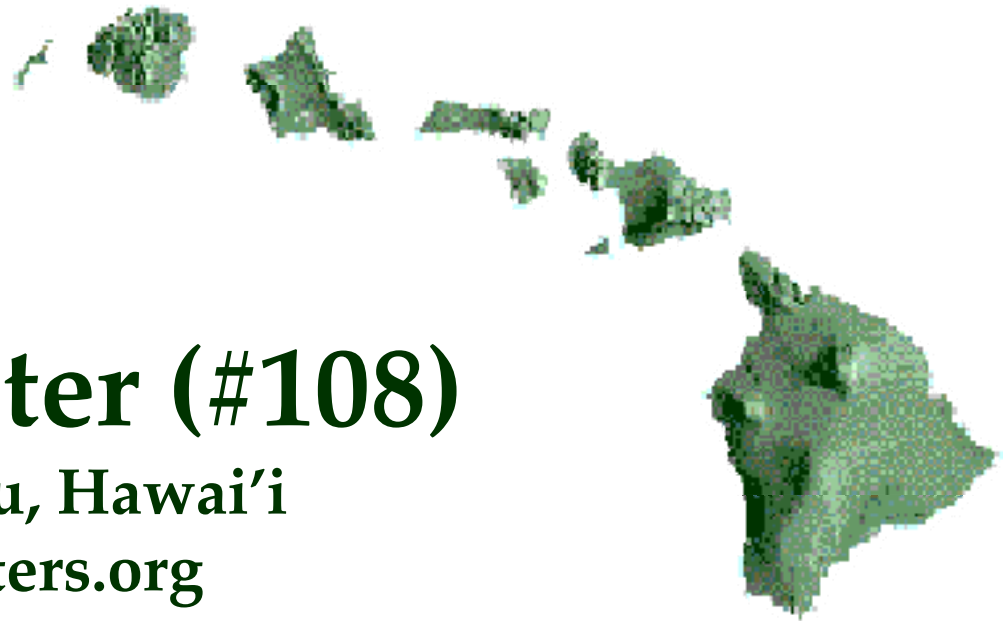


Region X - CRC 2009

Peppermill Hotel & Casino, Reno, Nevada

Chapter Summary Report

Society Year 2009 - 2010



Hawai'i Chapter (#108)

Honolulu, Island of Oahu, Hawai'i

<http://hawaii.ashraechapters.org>

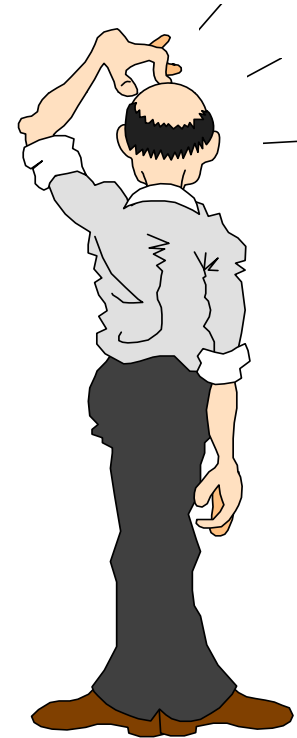


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What are we gonna discuss ?

- Chapter Best Practices
- Student Activities
- Membership Promotion
- Chapter Technology Transfer
- Chapter Programs
- Research Promotion
- Finance
- Chapter History





Chapter Best Practices – Albert Hahn, P.E.

- Set Chapter “SMART” MBOs (Management By Objectives).
- Provide BOG meetings schedule at July’s kick-off meeting.
- Publish monthly newsletter to keep members informed.
- Continue to support the Student Branches at UHM & HCC.
- Designate Research Promotion, Membership Promotion, Past President, Young Engineers of ASHRAE and Student Nights.
- Introduce DO & DON’T technical session for the first time thus adding values to the regular technical program at each monthly meeting c/w open bar.
- Provide annual Technical Seminar .
- Provide social events: Installation Banquet c/w “Just Like Vegas” Fun Night, X’mas Party (Ohana Evening), Ice Skating with Refrigeration plant tour (Ohana Evening), Seminar after Party with speakers.



Chapter Activities Summary's Highlights

- VP & Webmaster Michael Chang maintained the website with the help of the website creator and former VP, Dicson Aggabao. We continued the use of Paypal because of the successful feedback from our members.
- SA Chair Paul Fukunaga kept both student branches (**UHM & HCC**) active by organizing a record high of 2 technical tours.
- MP Chair Moffazal Mir published our 2009-10 **Electronic Roster** .
- Past president Joseph Ting replaced Dicson Aggabao as CTT Chair. Solicited to obtain one submittals for Technology Awards - Institutional Bldg (New).
- RP Chair Paul "Scottie" Scott oversaw the which yielded \$15,000 to fall short of our Chapter \$22,000 RP goal.



Chapter Social Event's Highlights

- DRC Jack Zarour inducted new Chapter Officers & Board of Governors on 6/12/09. About 90 attendees witnessed the induction and enjoyed the **"Just Like Vegas"** fun night.
- Our **X'mas Party** event was held on 12/10/09 at The Outrigger Canoe Club and attended by 80 people including DRC Jack Zarour & Santa Claus, who enjoyed the Kama'aina Feast. Santa, Governmental Affairs, Mark Yamamoto, P.E., came from the North Pole via outrigger canoe all the while playing Christmas songs on his ukelele. Later that evening the Santa again took center stage, except this time with his 13-years old daughter accompanying his ukulele and singing with hula.



Student Activities' Highlights

ASHRAE-UHM Student Career Fair October 30, 2009:

- College of Engineering, Holmes Hall, University of Hawaii at Manoa (UHM)
- Purpose: To raise funds for students' travel and lodging expenses to the ASHRAE Winter Meeting.

2010 ASHRAE Winter Meeting, Chicago, Illinois:

- Seven UHM student members and the Student Advisor, Professor Joseph Ting attended this meeting.
- Summaries of each student's impressions of attending the winter meeting posted on the ASHRAE Hawaii website.



Student Activities – Paul Fukunaga, P.E.

	YTD Reported 2009/10	Reported 2008/09	Reported 2007/08	Reported 2006/07
New Student Members	16	34	30	53
Active Student Branches	2	2	2	1
Student Nights	2	3	2	2
Organized Tour	2	3	2	1



Student Activities' Highlights

Tours Organized for Student Branches:

- **November 13, 2009:** Tour of the Research Building and Chiller Plant at University of Hawaii, John A. Burns School of Medicine for the UHM Student Branch members to observe a 2700 ton chiller plant and 100% outside air AHU's.
- **March 10, 2010:** Tour of Alaka'i Mechanical's shop, a local mechanical contractor to demonstrate their automated duct fabrication system using CAD/CAM. Attended by more than 20 Honolulu Community College Student Branch's members and other air conditioning students , HCC Student Branch Advisor (Professor Derek Oshiro)and Student Activities Committee Chair.



Student Activities' Highlights

April ASHRAE Hawaii Chapter Meeting:

- April 15, 2010: Three ASHRAE student members from UHM presented their senior HVAC design project that was based on the guidelines for the ASHRAE Student Design competition, the Ginsburg Tower at Florida Hospital in Orlando.

53rd Annual Hawaii State Science & Engineering Fair:

- April 7, 2010: The ASHRAE Hawaii Chapter awarded \$300 to 4 Junior student teams (Grades 6-8) and 2 Senior student teams (Grades 9-12) for the excellent performance in their science and engineering projects that relate to the HVAC industry. An additional \$1,000 donation was made by the Chapter for operating expenses to offset loss of funding from the State of Hawaii.



Membership Promotion – Mofazzal Mir, P.E.

	YTD Reported 2009/10	Reported 2008/09	Reported 2007/08	Reported 2006/07
Area Assigned Members (AAM)	236**	229	228	230
Chapter Dues Paid Members	160**	155	131	-
New Members	12	25	15	12
Delinquent Members	26	9	22	10
MP Nights	2	3	2	-



Membership Promotion's Highlights

- Delinquent members were contacted thru phone/e-mail.
- Instructions were provided to the Associate Members who are qualified to be upgraded to "Member".
- At each monthly meeting, prospective members were encouraged to join ASHRAE and pertinent information were provided to assist them in becoming new member.
- Updated roster was uploaded to website for member's accessibility thru "password" protected means.



Chapter Technology Transfer – Joseph K. Ting, P.E.

	YTD Reported 2009/10	Reported 2008/09	Reported 2007/08	Reported 2006/07
Technology Awards	1	2	0	0
Refrigeration Presentations	1	0	0	0
Government Activities or Interface	1	2	2	1



Chapter Technology Transfer's Highlights

Technology Award:

- Our Chapter first initiated the submission for Technology Award starting SY 2008-09 and continued-on to provide our local consulting engineers the opportunity to show and tell their intelligent and innovative designs to compete and rival any regions internationally.
 - Mechanical Engineering of Hawaii (MEH): Punahou Schools - Case Middle School project is submitted for regional competition in the category classified as Institutional Building (new) and in the category as Renewable Energy Use.

Governmental Affair (GA) Awards:

- Starting SY 2009-10, we established another milestone for our chapter. Our chapter submitted our first GA Report to RVC CTTC for further consideration of a regional GA award and was considered by Region X to compete with other chapters Society-wide.



Chapter Technology Transfer's Highlights

Presentation from State Government Agency:

- Howard Wiig, Energy Analyst, State Department of Business Economic Development & Tourism (DBEDT), highlighted the 2009/2010 activity within each County adopting statewide the International Code Council (ICC) "suite of codes." The said codes include the current issue of the International Energy Conservation Code (IECC)..

Refrigeration Tour & Technical Presentation:

- Scott LaBeau, DMG Hawaii Sales Engineer made a short technical presentation prior to the refrigeration plant tour of Ice Palace. While members learned the state of the art in refrigeration technology, families and friends came to have a fabulous time ice-skating with our members & their children. It's a break from work as well as on the ice for some Hawaiians.

Handbook Review:

- Reviewers provided their comments on selected Handbook's chapters. Alan Lloyd reviewed Heat Pump Section; Myron reviewed Insulation Section of 2008 Handbook. Their comments were forwarded to RVC CTTC & Society Handbook Committee Staff, Mark Owen on 5/31/10.



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Chapter Programs – William Lee, P.E.

	YTD Reported 2009/10	Reported 2009/10	Reported 2007/08	Reported 2006/07	Reported 2005/06
Tech Sessions/Se minars, Main Programs	16	16	8	8	7
Social Events	3	4	3	3	2
Average Monthly Meeting Attendance	50	60	39	50	40



Chapter Program's Highlights

National Engineers Week's Exhibit (Feb. 14-20):

- Hawaii Chapter led & coordinated on behalf of HCES (Hawaii Council of Engineering Societies) to show case the various aspects of engineering in today's society at Kahala Mall.
- Exhibit was seen by thousands of shoppers at Hawaii's most upscale shopping mall located in the prestigious Kahala neighborhood on the island of Oahu.
- Exhibit was capped by a robotics competition among several high school robotics teams headed for the World Championship of Robotics competition in Texas. It was well received by general public and Kahala Mall management.



Chapter Program's Highlights

Technical Seminar (Sept. 10, 2009):

- The Hawaii Chapter hosted its first Distinguished Lecturer in Years. Marlene Linders from Philders Group Internation made a trip from Florida to teach us about Infectious disease control.

Technical Seminar (Feb. 25, 2010):

- Technical Seminar was organized on the theme of hot water heating in the 21st century. The Technical Seminar (TS) and drew a abnormally low attendance of 50 attendees. This event was held at East-West Center located within UHM campus.



Research Promotion – Paul “Scottie” Scott

	YTD Reported 2009/10	Reported 2008/09	Reported 2007/08	Reported 2006/07	Reported 2005/06
Chapter Goal	\$22,000	\$15,000	\$14,000	\$7,000	\$11,000
Dollars Collected	\$15,171	\$27,171	\$11,500	\$63,062	\$2,500
Dollars / AAM	\$62.97	\$118.65	\$50.43	\$279.04	\$8.40
RP Nights	3	3	-	-	-



Research Promotion's Highlights

Chapter Full Circle Award:

- We were successful in getting all of the chapter officers, and RP chair to contribute to Research Promotion. A few of BOG members and committee chairpersons contributed as well.

Lester Nakata Memorial Fund (LNMF):

- ASHRAE members, local HVAC community, Friends and Family of the late Lester Nakata continued to contribute to the memorial fund, which was established by Joseph Ting in SY 2006-07. The remaining \$25K LNMF goal for SY 2008-09 came from the 2nd Product Show, Golf Tournament and members/friends, who worked hard to meet & exceed the \$60,000 LNMF overall goal. About \$7K were raised in SY 2009-10, which should be added to LNMF in ASHRAE Foundation.



Research Promotion's Highlights

Research Promotion Fundraising Events:

- On February 25, 2010, our chapter had its annual seminar with all proceeds going to Research.



Research Promotion's Highlights

Research Promotion Nights:

October 2009 Meeting

- 50/50 Raffle – Always a successful way to raise money.

December 2009 Meeting

- Silent Auction – Members donated items for this silent auction. It was well participated. Members and companies that donated to RP were also acknowledged.
- 50/50 Raffle



Finance – Paul Fukunaga, P.E.

	YTD Reported 2009/10	Reported 2008/09	Reported 2007/08	Reported 2006/07
Fund Balance	\$42,369 (as of June 2010)	\$83,951	\$49,500	\$53,278
Chapter Dues	\$20	\$20	\$20	\$20
Member's Cost of Meals	\$35	\$40	\$30	\$25



Finances' Highlights

- **PAYPAL:** On-Line PayPal payments from the Hawaii Chapter website were used to reduce the number of paper checks and provide a convenient record of payment for both the members and the Hawaii Chapter. Monthly meeting costs were reduced by changing venues for the meeting.
- **FOUNDATION:** Technical Seminar and donations provided \$15,051 to the Lester Nakata Memorial Foundation.
- **RISK MANAGEMENT:** Funds that were not needed for day to day cash flow were deposited in a 6-month and a 1-year Certificate of Deposits with a large local bank to reduce the risk of loss of principal.



Chapter History – Joseph K. Ting, P.E.

	YTD Reported 2009/10	Reported 2008/09	Reported 2007/08	Reported 2006/07
Historical Display at CRC	1	1	0	0
Chapter History on Website / CD	1	1	1	0
Past President's Night	1	1	-	-



Chapter History's Highlights

- Historical Display at CRC 2009 in Irvine CA
- Published Original Chapter History 1969-1970 - The 1st three issues of the series were published in the Fall of 2009 monthly newsletter: (1) ASHRAE Hawaii Chapter - The Beginning; (2) Chartered and Prospective Members; (3) Spouses of Dedicated ASHRAE Volunteers
- Published History of A System - The 1st Heat Pump Water Heating System in Hawaii was published subsequently (4th Issue of the series).
- 40th Anniversary Celebration at Outrigger Canoe Club - The 5th issue pertained to the success of the 40th Anniversary Celebration. Santa Claus paddled his canoe via Pacific Ocean to join us at Outrigger Canoe Club for the celebration.
- Leadership recall interview - The 6th issue was published to recognize the history of ASHRAE Hawaii Chapter's Fellows. Fellows include the late Robert Hamilton, Franklin Lum, Frederick Kohloss and Alan Lloyd.
- History of A Company – The 7th issue was published to recognize the history of one of the oldest established mechanical HVAC & plumbing contracting firm, Heide & Cook Limited.