

# RMSO Recap

*By Joanna Seto, Jay Stone, and Mike Victorino*

Vancouver, British Columbia! We were graced with beautiful days and nights with wonderful AWWA volunteers and staff. The 2014 Region V Regional Meeting of Section Officers (RMSO V) was held at the Westin Grand in downtown Vancouver from September 11-13. The theme this year was AWWA: Setting the Standard.

At-Large Trustee Jay Stone, Government Trustee Mike Victorino, and Section Chair Joanna Seto, represented the Hawaii Section at this meeting with 40 other officers, trustees, and directors from the Association; British Columbia Water & Waste Association (BCWWA, Province of British Columbia and the Yukon Territory); and the Sections from Alaska, California-Nevada, Montana, Pacific Northwest (Idaho, Oregon, and Washington), Rocky Mountain (Colorado, New Mexico, and Wyoming), Southwest (Arkansas, Louisiana, and Oklahoma), Texas, and Western Canada (Provinces of Alberta, Saskatchewan, Manitoba, the Northwest Territories, and the Territory of Nunavut).

On Thursday, September 11, the BCWWA hosted a welcome reception and a virtual flight across Canada on Vancouver's newest attraction, FlyOver Canada. This state-of-the-art flight simulation included wind, mist, and scents from Canada's amazing scenery. Once our flight finished, we made new friends from Spokane and Texas while meeting the BCWWA team at Mahony & Sons at Burrard Landing!



(L-R) Kate Nutting of Cal-NV, Joanna, Mike, Jay, Dan Kegley and Jacki Masters of Pacific Northwest (Nancy Sullivan in the background getting her morning Diet Coke)



*FlyOver Canada at Canada Place*

Association Treasurer David Rager, Chief Financial Officer Kevin Mann, Senior Section Relationship Manager Nancy Sullivan, Deputy Executive Director Tom Curtis, and Public Affairs Council Chair Jeanne Bennett-Bailey presented and/or moderated the meeting sessions on Friday, September 12 and Saturday, September 13.

We started with an icebreaker and then heard from David who presented *A Better World Through Better Water: Setting the Standard on Business Opportunities* (the 3-Year Business Plan to establish AWWAIndia). Kevin and Nancy started us on *Giving 'Til It Feels Good: Setting the Standard on Philanthropy*. Dan Dawson of

*continued on page 2*

## Inside This Issue

RMSO Recap	1	Arkansas described the Southwest Section's philanthropic endeavors which benefit Water for People (wells in Ghana). They held golf tournaments, fishing tournaments, and have automated their raffles to earn \$30,089 last year (\$29.27 per member). Jeff Ashley and Greg Likasik of the Montana Section shared their support of Water for People through Section donations, an annual Fly-rod/reel raffle ,and Silent/Live Auctions, as well as other donations and the \$1,000 Donald G. Willems Scholarship which is funded by CD/mutual fund interest and another raffle.
Chair's Message	4	
Director's Message	9	
Board of Trustees	9	
Hawaii Water Reuse Conference Announcement	10	
Western Pacific Subsection Kickoff	11	
YP Section Recap	12	
Pacific Water Conference Update	13	Jeanne enlightened us on <i>The Market Power of a \$30M Enterprise: Setting the Standard on Branding</i> . Mike V. commented that branding is for the public and not the people in this room (at the RMSO). Steve Brubacher of BCWWA gave the <i>Canadian Affairs Committee Update: Setting the Standard on Communication</i> . Tom introduced us to the Community
An Interview with 2014 AWWA Hawaii Section Bob T. Chuck Scholarship Awardee Rachel Stone	14	Engineering Corps: Setting the Standard on Collaboration an alliance of AWWA with EWB USA and ASCE which has the vision of "[a] country in which underserved communities have access to the technical expertise required to ensure the infrastructure capacity to meet their needs." The State DOH Safe Drinking Water Branch has provided the Association with two possible customers. Please let me know if you're interested in volunteering on a project team. John "Pinto John" Roth of the Pacific Northwest Section shared that they partner with the WEF Pacific Northwest Clean Water Association on fundraisers, activities, board meetings, and for CEUs. Tim Worley of the California-Nevada Section and Mike Howe of the Texas Section described how Texas is adapting the Cal-NV portions of curriculum for the certification of water conservation
AWWA Hawaii Section Scholarship	16	
The Community Engineering Corps Needs AWWA-HI!	18	
Safety Workshop	21	
AWWA Section Member Stories	22	
AWWA Library	24	
Committee Chairs	25	
Newsletter Advertising	26	
Upcoming Calendar of Events	27	



Follow us on Facebook!  
[www.facebook.com/AWWAHI](http://www.facebook.com/AWWAHI)

### RMSO Recap, continued

Arkansas described the Southwest Section's philanthropic endeavors which benefit Water for People (wells in Ghana).

They held golf tournaments, fishing tournaments, and have automated their

raffles to earn \$30,089 last year (\$29.27 per member). Jeff Ashley and Greg Likasik

of the Montana Section shared their support of Water for People through Section donations, an annual Fly-rod/reel

raffle ,and Silent/Live Auctions, as well as other donations and the \$1,000 Donald G.

Willems Scholarship which is funded by CD/mutual fund interest and another raffle.

Jeanne enlightened us on *The Market Power of a \$30M Enterprise: Setting the Standard on Branding*. Mike V. commented that branding is for the public and not the people in this room (at the RMSO). Steve Brubacher of BCWWA gave the *Canadian Affairs Committee Update: Setting the Standard on Communication*. Tom introduced us to the Community

Engineering Corps: Setting the Standard on Collaboration an alliance of AWWA with EWB USA and ASCE which has the vision of "[a] country in

which underserved communities have access to the technical expertise required to ensure the infrastructure capacity to meet their needs." The State DOH Safe Drinking Water Branch has provided the Association with two possible customers. Please let me know if you're interested in volunteering on a project team. John "Pinto John" Roth of the Pacific Northwest Section shared that they partner with the WEF Pacific Northwest Clean Water Association on fundraisers, activities, board meetings, and for CEUs. Tim Worley of the California-Nevada Section and Mike Howe of the Texas Section described how Texas is adapting the Cal-NV portions of curriculum for the certification of water conservation

personnel. Jay Stone, Joanna Seto, and Mike Victorino shared how water organizations and agencies collaborate on work and events in Hawaii. Tanja McQueen explained how diverse the British Columbia Section is with 3100 water and wastewater members of which only 10% are AWWA



Mike sharing collaboration ideas



Jay sharing facts about Hawaii

continued on page 3

---

**RMSO Recap, continued from page 2**

members. Nancy led a group discussion on the *21st Century Membership Model Input: Setting the Standard on Membership*. The challenges in the current model are a confusing membership structure, perceptions of diminishing value, lack of employer support, and limited engagement opportunities at sections. If you have ideas of how to address these challenges, please contact me or Nancy Sullivan at [nsullivan@awwa.org](mailto:nsullivan@awwa.org).

After a full day of meetings on Friday, the meeting participants and their spouses enjoyed heavy hors d'oeuvres at the Teahouse in Vancouver's world renowned Stanley Park. We had the opportunity to meet and learn more about other Section's goals and events and watch a truly remarkable sunset over English Bay.

We started Saturday, September 13 with an impromptu presentation by Jeanne to update us on the *Value of Water*. Check out the waterworkscampaign.org – “*It’s all over if we don’t fix what’s under.*” Nancy provided us with data in *A Study in Innovation: ACE14: Setting the Standard on Conferences* and proposals to improve the conference and then led us into the Section sharing on conferences. Tom Wolf of the Alaska Section described their training programs and that from 2015 and on, their Annual Conference will only be held in Anchorage instead of rotating between three locations. Ken Anderson shared that the Western Canada Section is one part of the seven industry organizations which make up Western Canada Water (WCW). Each organization has their own conferences/events as well as an annual conference for WCW in rotating locations. Steve and Sue of the California-Nevada Section explained that their Water Education Seminar is like planning a very large wedding. Actually two weddings since they hold the day-long seminar in Northern California (~165 attendees, 4 tracks) and Southern California (~615 attendees, 12 tracks). Dan Limacher of Western Canada delivered the *Canadian Legislative Update: Setting the Standard on Leadership* with a smattering of French. Tom shared *Lead Feet & Brass Knuckles: Advocacy Gone Right* and the STRONG (Strategic and Tactical Resourceful and Organized Knowledge-based Group) process used to get fire hydrants exempt from the Reduction of Lead in Drinking Water Act through the Community Fire Safety Act (House passed 384-0 and Senate passed by voice vote). David then wrapped up the meeting.

Copies of most of the RMSO V presentations are posted on the RMSO webpage at <http://www.awwa.org/Portals/0/files/membership/section%20services/events/rmso/docs/RMSO%205%20Presentations.pdf>.



Sunset from The Teahouse at Stanley Park

Other 2014 RMSO presentations for Regions II, III, and IV are posted at <http://www.awwa.org/membership/sections-your-local-awwa/section-services/section-services-events/regional-meetings-of-section-officers.aspx>. The RMSO I presentation will be posted after their meeting held from October 11-13.

The 2015 RMSO will be held in Alberta, Canada, on from October 2-3. The 2016 RMSO V will be hosted by our Hawaii Section, and plans are being made to host this meeting in September 2016. Mahalo to BCWWA CEO Tanja McQueen and her team for a wonderful 2014 experience and many great ideas for the 2016

RMSO V. §

# Chair's Message

*By Joanna Seto  
Chair, Hawaii Section*

**W**hat do you drive?

At the Region V Regional Meeting of Section Officers, David Rager's icebreaker was for everyone to describe their first car. We started off with the basic description of make and model ('57 Chevy, '72 Ford Pinto, '82 Honda Accord, '62 Ford Falcon, '74 Dodge Dart, '71 GMC Truck, '78 Malibu, Subaru Brumby from Australia, '71 VW beetle, 15 year old AMC Gremlin, '50 Dodge Ram, Ford Fiesta, '65 Buick Riviera, etc.). As we continued around the room, the stories expanded to include the color (yellow flowers and daisies, purple pink, puke yellow), how well the car ran (burned more oil than gas, hole in the muffler made it sound pumped up), and a special story (used the pickup to pull the horse trailer, used a bedspread for the seatback cover and one night a cop was following him – announced over the PA system, "your bedspread is dragging on the ground"). Many of the attendees inherited their first car from their parents, although in one case, his parents borrowed his rebuilt '64 Ford Mustang after they totaled their car. They remembered gas at \$0.16 per gallon, 8 track tape stereo systems, column stick shift – 3 on the tree, and paying the gift of a car forward.

As we journey through life, we adjust our vehicles to our lifestyles. I started off when I splurged for a safety conscious third-hand white 4-door '88 Honda Accord to drive to the construction sites. I sold that car when my fiancé traded in his white Pontiac Firebird to give me a white 2-door '91 Acura Integra. We got married and switched to a family-friendly pearl white 4-door '93 Lexus ES300. A year after I had my daughter, we traded up for a white 4-door '97 Chevy Tahoe to carry more stuff (my favorite vehicle so far). After my son arrived, I replaced it with a red 4-door '02 Toyota Tacoma with a camper shell which was used until last summer to haul softball gear and potluck items. When I found out my job would be located farther away (yes, Pearl City seems far away) I traded with my husband to my current vehicle, a silver 4-door '13 Honda Civic with much better gas mileage. Talk about full circle.

Enjoy this glimpse of your Section volunteers' vehicles and share your stories with us when we see you at the 2015 Pacific Water Conference at the Hawai'i Convention Center Pre-Conference Workshops on February 3rd and the Conference on February 4th and 5th.

*continued on page 5*

## Hawaii Section Mission Statement

The Hawaii Section AWWA is dedicated to the promotion of public health and welfare in the provision of drinking water of unquestionable quality and sufficient quantity. The Hawaii Section AWWA must be proactive and effective in advancing the technology, science, management, and government policies relative to the stewardship of water.

## Hawaii Section Vision Statement

Hawaii Section of the American Water Works Association will be the leading force in the State of Hawaii dedicated to safe drinking water.



**Chair's Message, continued from page 4**

Volunteer	Section Position	1st Vehicle	Current Vehicle
Ken Ota	Director	Ford 1985 station wagon. I was the third owner and my roof leaked . I wish Febreze was available back then	Toyota 4-Runner
Tim Lum Yee	Immediate Past Chair, Awards & Scholarship Comm. Chair	1991 Saab 900s - My dad taught me how to drive stick shift with the car in the snow.	1991 Honda Accord
Jeff Pearson	Vice Chair, Strategic Planning Comm. Chair	I had my first car when I turned 16. It was a black 65 Mustang. Mom sold it to me for \$500. I paid her cash I had saved. I got my license in the morning and had plans to go to the State Fair in Minnesota with my date. Before the date, my brakes failed and I ran a 4 way stop sign. No crash.... I got the brakes repaired that day and took an older woman I knew from work to the fair. She must have been 18. What a 16th birthday.	Usually bikes to work. Has a pick-up truck with natural air conditioning
John Chung	Secretary	Used gold Volare. My first memory was scraping the side of the car against the neighboring car bumper trying to park at Ward Warehouse. Good thing it was the old style chrome one—the other car wasn't damaged too badly. Bad thing it was the old style chrome one—my Volare took a beating.	Company Toyota Camry
Audrey Yokota	Treasurer, Finance Comm. Chair	Light blue used '82 Buick Regal 2-door. (Back then, I loved those big/full sized American cars with big engines!)	Toyota Corolla. (Got converted to Japanese cars by my husband. I now love this little car – it's cute, still big enough, fits in almost any parking stall and much better gas mileage.)
Juanita Colon	At-Large Trustee: Administrative & Policy Council	1974 CJ-7 Jeep that was given to me in 1996 by my sister (who got it from one of our Uncles).	1998 Chevy Cavalier
Ross Kaneko	Bylaws/Standard Practice Manual Comm. Chair	Acura Integra - Still my favorite of all the cars I've had.	Acura ZDX
Jason Takaki	Membership Comm. Chair	Mom gave me her green Toyota Corona. Friends called it the frog and put a big Kermit decal in the rear window. Shipped it to Seattle and, in the winter, learned this Hawaii car was missing an important accessory. The frog didn't have a heater.	Honda CR-V
Kevin Ihu	BWS Trustee: Water Utility & Gov. Affairs Council	Blue Chevy Spirit	2003 Nissan Pathfinder
Susan Uyesugi	Legislative/Regulation Comm. Chair	Mazda 626 - I didn't get my license till I was 25. I was working for Pacific Construction. I caught the bus to work every day. I had to buy a car because I got placed at a job site and the secretary told me I had to buy a car because she got me a parking stall for the job site.	Toyota RAV4

*continued on page 6*

**Chair's Message**, continued from page 5

Volunteer	Section Position	1st Vehicle	Current Vehicle
Daryl Hiromoto	Nominating Comm. Chair	Old beat up 1971 VW Beetle. Back in those days that was the hot car to have. The good thing about VW's was that they were very simply made and it was easy to tear down and rebuild. In hindsight, no 18 year old should have been allowed to do the things I did to that car and still drive it around on city streets. With the limited mechanical skills and know-how I had, I sought out the advice from other 18-20 like me. Not good! I count myself very fortunate to still be alive today.	2003 Honda Pilot. It still runs well and I don't owe anything on it. A good combination to have!
Joy Gannon	Small Water Systems Comm. Chair	Honda Civic	Toyota Tacoma
Dean Nakano	Pacific Rim Comm. Chair	1970, 4-dr Toyota Corolla, white color, with after-market 8 track tape player, no A/C.	2014 white 4-dr Toyota Yaris. 44-years later, same car maker, same size, still 4-drs, same color, but now I have A/C.
Paul Scott	Water for People Comm. Co-Chair	Pontiac Catalina [with 200,000 miles on it]. It was a tank; but good transportation. It ate a lot of gas, but it was only \$0.50/gal then. I was 17 years old and took my first girlfriend to the drive-in with it!	Toyota Tacoma
Keith Okamoto	Water Utility Trustee: Technical & Education Council	Nissan Truck in college.	Toyota Tundra
Trevor Inouye	Workshops/Safety Comm. Chair	Saturn S-Series	Subaru Impreza 2.5 RS
Mark Ohigashi	Youth Education Comm. Chair	1994 Toyota Camry with only 12,000 miles when it was shipped to LA in 2004. It was my grandparents' car and they only went to Daiei, City Mill and Longs once a week! I drove that baby from LA to Vegas and back more than 15 times in 2 years; and amazingly, I went to Vegas about 25 times in that same period. It was damaged in a parking lot while I was home in Hawaii by a Jeep when its owner didn't put on the brake and it rolled back into my car making it undriveable, so I had to put it on a trailer when I moved from LMU to Stanford. I got offers to buy the car for way more than it was worth when it was parked for the summer at my cousin's house in San Jose because the economy was junk and people were looking for a more fuel efficient car than their SUV's.	TheBus and a 2004 Toyota Tacoma on weekends
Peter Ono	Consultant Trustee: Public Affairs Council	Datsun B210	Nissan Murano

*continued on page 7*

**Chair's Message**, continued from page 6

Volunteer	Section Position	1st Vehicle	Current Vehicle
Susan Mukai	Newsletter Comm. & Diversity/Young Professionals Comm. Chair	Chevy Prizm, which was a hand-me-down from my Grandma	2009 Toyota Corolla (but I walk to work)
Mike Bungcayao	Website Comm. Chair	Ford Escort ZX - My friends called this the "Green Machine". It got 28 miles per gallon with an 11 gallon tank and I still used to fill up every 2 to 3 days. It wasn't too bad since gas was still a dollar and a half per gallon.	Lexus RX350 – My Ford Escort experienced more "off-roading" than my current car. I suppose it wasn't true off-roading, but I still braved some unpaved roads with the Escort ZX2!
Mike Victorino	Government Trustee: Standards Council	62 Ford Fairlane— more rust than car; mint lime green with bathroom stickers; column stick shift – who remembers "3 on the tree?"	
Marek Kirs	Research/ Technology Comm. Chair	LADA-2103 (1976?) which I got from my dad. 2103 means it was 'super lux' version of Lada, but it was nicknamed by Estonians 'super loks' which would translate 'super junk'. Anyway, it was still driving in 1996 when it was stolen for parts. Although police located the metal carcass in a forest, criminals were never caught.	I walk to work, but our family has 2001 Nissan Maxima. I wouldn't risk crossing the island on Pali highway with it though.
Lorna Heller	Future Water Reuse Comm. Co-Chair (AWWA-HI)	'88 Honda Accord from Dad; first car she bought was a white Pathfinder	Toyota Sienna
Jay Stone	At-Large Trustee: Annual Conference Council	Brand new 1993 green Saturn SL2 that I bought with my then girlfriend JoAnn (now my wife) while I was still in college. We traded in my wife's Nissan 200SX. On the way to trade in the Nissan at the Saturn dealership, smoke started to come out from the front of the car. After we parked the 200SX, we quickly got out and started waving the smoke away. We signed the papers for our new car and drove off with the Saturn.	2009 Scion XB with interior LED lighting
Rich Hopkins	Manufacturer Trustee: Manufacturers/ Suppliers Council	1977 Honda Accord. In the middle of the first gas rationing. Mother didn't like the small car, but it fit me pretty good.	Ford F350 King Ranch. No small vehicles for me anymore.

*continued on page 8*

**Chair's Message, continued from page 7**

Volunteer	Section Position	1st Vehicle	Current Vehicle
Elson Gushiken	Water Reuse Comm. Co-Chair (AWWA-HI)	<p>My first car was an automatic 1964 Oldsmobile F85 with a turbo charged aluminum block engine. I convinced my dad, a seasoned auto electrician/mechanic, to allow me to install a 4-barrel carburetor on the engine. Good thing gas was cheap then.</p> <p>Friday nights, unbeknown to my parents obviously, I would join my boys at Hawaii Raceway Park for outlaw drags. Prepping our cars by disconnecting the exhaust pipes from the engine headers, a pair of us rolled up to the starting line. Gunning our engines as lights flashed red, yellow then green then jamming the shifter from Neutral to Drive (not recommended) and flooring the gas pedal. Racing down the quarter mile stretch with open windows was a rush! In a matter of seconds it was over. With the low guttural, growling engines, we felt like real hot rodders as we cruised over to the waiting area. Shutting down our engines we hurriedly crawled under the cars and stuff rags up the headers so the cold air wouldn't crack the engine blocks. We repeated the process over the next two hours of racing.</p> <p>I remember dad always asking me, "Eh boy, how come your engine mounts broken again?" I always just shrugged and mumbled something unintelligible. I think he knew but never pressed me. Later got smart and rigged up two removable steel cables with turn buckles to hold the engine down when I floored the gas pedal. I had this car until my Freshman year at UH when one day cruising over Moanalua Red Hill my engine caught fire for some unknown reason... total loss.</p>	My wonderful Olds probably is probably still around as recycled steel in some other car. I'd like to think it's a part of my current Toyota 4Runner!
Paul Kemp	Fuller Award Comm. Chair	<p>1957 Chevy Station Wagon, black and yellow. The Chevy was of course used and took a lot of work. It had been serving as a farm "truck" - it had hay in it everywhere. As I worked on it I kept finding straw in new places. I am not a good mechanic and it took me several wheel bearing replacements to realize you had to put the bearing seal in. I had to repaint it also, and was using spray cans - learned the hard way about carpal tunnel syndrome from pushing the spray can buttons on can after can.</p> <p>I used that car to take my family from Iowa State to Oregon State in 1965. I drove it on the freeway - a new experience for me - and kept breaking something in the engine every few hundred miles, from pushing it too hard. I knew when something broke as soon as the car started to slow down, and I would pull off to the nearest service station to get help. I think the longest stop was in Elm Creek Nebraska when I had broken a valve spring and they had to send to another town to get a replacement. We were there all day with nothing to do, and it was late evening when the part finally came. The mechanic stayed late just to get us back on our way. Really nice folks.</p> <p>Kept that car until I finished my Master's at Oregon State in 1969.</p>	Silver Toyota Tacoma pickup. This one I got new. I learned my lesson - I will stick to chemistry and not try to play with vehicles.

# Director's Message

By Ken Ota  
Director, Hawaii Section

**A**sset Management, Water Conservation, Small Systems, and Water Standards – These are just a few resources that AWWA can provide us. AWWA has collected 130 years' worth of industry information and experience in safe drinking water. When I need help in accessing education information from AWWA National, I turn to Nancy Sullivan. Nancy is the AWWA Senior Section Relationship Manager for our Region V – Hawaii. She has been to our Hawaii Section conferences many times and is always available to help us.

One of the educational books that Nancy highly recommends is "Communicating Water's Value" by Melanie Goetz. The book is available at the AWWA online store. It analyzes the perception and value of water. Consumers can mistakenly undervalue water's worth by assuming it should be provided at no cost to the public. Goetz explains the water paradox and diminishing marginal utility. She offers tips and tools to assist management, communications staff, and employees at both small and large utilities in shaping customers' understanding about the value of water. The tactics outlined can especially be useful during situations such as advocating for proposed rate hikes, or when conservation measures are needed. Goetz goes into depth about the consumer behavior and psychology that drives people's understanding of water's worth.

Another resource that is available from AWWA is the free [Water Audit Software](#). The Water Audit Software is designed to help quantify and track water loss associated with water distribution systems, and identify areas for improved efficiency and cost recovery. The 5.0 versions just came out this past August.

I encourage you to visit our websites: [AWWA Hawaii Section](#) for local information and [AWWA National](#) for national updates. §

## Water Loss Control RESOURCE COMMUNITY



### Water Loss Control

Water loss control represents the efforts of water utilities to provide accountability in their operation by reliably auditing their water supplies and implementing controls to minimize system losses. Log in to access the Water Audit Software.

Questions? Contact [AWWA's Water Loss Control Committee](#) directly.

## Board of Trustees 2014-2015

### Chair

#### **Joanna Seto**

Hawaii State Department of Health  
919 Ala Moana Boulevard Room 308  
Honolulu, Hawaii 96814  
Phone: (808) 586-4258  
Cell: (808) 292-8408  
FAX: (808) 586-4351  
E-mail: [joanna.seto@doh.hawaii.gov](mailto:joanna.seto@doh.hawaii.gov)

### Director

#### **Ken Ota**

Pacific Pipe Company  
1255 Kuala Street  
Pearl City, Hawaii 96782  
Phone: (808) 455-8700  
Cell: (808) 870-7913  
FAX: (808) 455-8800  
E-mail: [ken@pacificpipe.net](mailto:ken@pacificpipe.net)

### Vice-Chair

#### **Jeffrey Pearson**

Department of Water Supply  
200 South High Street, 5th Floor  
Wailuku, Hawaii 96793  
Phone: (808) 270-7681  
E-mail: [jeff.pearson@co.maui.hi.us](mailto:jeff.pearson@co.maui.hi.us)

### Past Chair

#### **Timothy Lum Yee**

HDR Engineering  
1132 Bishop Street, Suite 1200  
Honolulu, Hawaii 96813  
Phone: (808) 271-2493  
FAX: (808) 697-6201  
E-mail: [timothy.lumyee@hdrinc.com](mailto:timothy.lumyee@hdrinc.com)

### Secretary

#### **John Chung**

Belt Collins Hawaii  
2153 North King Street, Suite 200  
Honolulu, Hawaii 96819  
Phone: (808) 521-5361  
FAX: (808) 538-7819  
E-mail: [jchung@bchdesign.com](mailto:jchung@bchdesign.com)

### Treasurer

#### **Audrey Yokota**

Gray, Hong, Nojima and Associates, Inc.  
201 Merchant Street, Suite 1900  
Honolulu, Hawaii 96813  
Phone: (808) 521-0306 ext 107  
FAX: (808) 531-8018  
E-mail: [ayokota@grayhongnojima.com](mailto:ayokota@grayhongnojima.com)

continued on page 6

# Hawaii Water Reuse Conference Announcement

The Hawaii Water Reuse Conference will be taking place on November 13 and 14 at the Pagoda Hotel in Honolulu. The registration deadline is Wednesday, November 5. For information regarding the conference and to register, you can go to this site: <http://www.cvent.com/d/34qdxz>

The conference program is shown below. We look forward to seeing everyone there! Mahalo! §

*continued from page 9*

## At-Large Trustee

Administrative & Policy Council

### Juanita Colon

Kawela Plantation Homeowner's Assoc.

P.O. Box 28, 243 Uluanui Road

Kaunakakai, Hawaii 96748

Phone: (808) 553-4223

FAX: (808) 553-3996

E-mail: [kawelapha@gmail.com](mailto:kawelapha@gmail.com)

## At-Large Trustee

Annual Conference Council

### Jay Stone

Belt Collins Hawaii LLC.

2153 North King Street, Suite 200

Honolulu, HI 96819-4554

Phone: (808) 521-5361

FAX: (808) 538-7819

E-mail: [jstone@bchdesign.com](mailto:jstone@bchdesign.com)

## BWS Trustee

Water Utility/Government Affairs Council

### Kevin Ihu

Honolulu Board of Water Supply

630 South Beretania Street

Honolulu, Hawaii 96843

E-mail: [kihu@hbws.org](mailto:kihu@hbws.org)

## Consultant Trustee

Public Affairs Council

### Peter Ono

Brown and Caldwell

737 Bishop Street, Suite 3000

Honolulu, Hawaii 96813

Phone: (808) 203-2665

FAX: (808) 533-0226

Email: [pono@brwncald.com](mailto:pono@brwncald.com)

## Government Trustee

Standards Council/Nominating

### Michael Victorino

Kalana O Maui Building

200 South High Street, 8th Floor

Wailuku, Hawaii 96793

Phone: (808) 270-7760

FAX: (808) 270-7639

E-mail: [michael.victorino@mauicounty.us](mailto:michael.victorino@mauicounty.us)

## Manufacturer Trustee

Manufacturers/Suppliers Council

### Rich Hopkins

Hopkins Technical Products Inc.

470 Harvest Park Drive, Suite C

Brentwood, CA 94513-4036

Phone: (808) 240-2160

FAX: (925) 825-8320

E-mail: [rich@htpinc.com](mailto:rich@htpinc.com)

## Water Utility Trustee

Technical & Education Council

### Keith Okamoto

Dept. of Water Supply, County of Hawai'i

345 Kekūanaō'a Street, Ste. 20

Hilo, Hawaii 96720

Phone: (808) 961-8050

E-mail: [KOamoto@hawaiidws.org](mailto:KOamoto@hawaiidws.org)

# Western Pacific Subsection Kickoff

*By Paul Kemp  
Chair, Western Pacific Subsection*

The Western Pacific Subsection of the Hawaii Section of the American Water Works Association (AWWA-HIWPS) has had its first formal meeting and has elected officers and Created a Planning Committee, Pipe Tapping Committee and a Social Media Committee.

As a direct result of the formal acceptance of AWWA-HIWPS by the Hawaii Section and National AWWA, there have been a considerable number of new and renewal memberships in AWWA.

On October 10, 2014 the ad hoc Start Up Committed convened an open meeting of 28 people of which 16 were voting AWWA members.

Officers Elected were:

Chair: Paul Kemp, GWA

Vice-Chair: Geigy Salayon, GWA

Secretary: Joey Cheng, Brown and Caldwell

Treasurer: Nicole Ballesta-Quan, GWA

Trustee: Ken Rekdahl, Dueñas Camacho and Associates

Trustee: Bill Gilman, Brown and Caldwell

(Once the next chair is elected, there will be a "Past-Chair" as well.)



Installation of the Subsection Officers was performed by Thomas F. Cruz. P. E., GWA Interim General Manager.

In the open meeting that followed the Subsection selected the following Mission Statement:

The purpose of this Subsection shall be the advancement and dissemination of knowledge concerning the improvement of practice in the design, construction, operation and management of water works and all related activities, and supporting skill based training and an open exchange of experiences throughout Guam, the Commonwealth of the Mariana Islands, the Republic of Palau, and the Federated States of Micronesia.

The planning committee will begin with planning the first Subsection Conference. Options for the timing ranged from 2014 late Fall/early Winter to next Spring 2015.

The pipe tapping committee was set out to start as a GWA committee with the objective of creating a regional competitive team.

The Social Media committee will be linking up with other agencies which serve the same area such as the University of Guam Water and Environment Research Institute (WERI) and the

*continued on page 12*

# YP Section Recap

By Susan Mukai

Diversity/Young Professionals & Newsletter Committee Chair

The Young Professionals Committee (YP) held a general meeting at Home Bar and Grill on Tuesday, August 26.

There was a turnout of about ten YPs from various companies, and as always, an abundance of pupus and drinks. After going over the past events, such as the Waianae Watershed community service projects, and upcoming events, the YPs stayed to socialize and network for a couple more hours.

The YP group also held a Financial Planning Seminar for personal development. The seminar was held at CH2M Hill's office after work on Tuesday, September 30. The seminar would not have happened without Alyssa Smith's coordination with financial advisor Thomas Blottenberger of Wealth Strategy Partners and with CH2M Hill so we could use their conference room. Thomas' charismatic personality and personal views on financial planning really resonated with the YPs. They learned about planning for the future and how it is possible to plan for a retirement where you can maintain your current lifestyle as a retiree. The seminar was interactive and Thomas answered the YPs' questions about things such as ROTH 401K and market trends.



If you would like to set up a meeting with Thomas, please feel free to contact him at [thomas.blottenberger@thewsp.com](mailto:thomas.blottenberger@thewsp.com).

Those interested in becoming more involved should contact co-chairs [Susan Mukai](#) and [Alyssa "Sunshine" Smith](#). Keep an eye out for emails about the upcoming YP Technical Presentation/Field Trip on Thursday, November 6 to Pacific Pipe! §

## *Western Pacific Subsection Kickoff, continued from page 11*

"Northern Pacific Utility Association," which actually has a broader region of membership than the Subsection and WERI and with the same objective of linking together people in this sparsely populated region.

Based on the enthusiasm of those attending the General Meeting, we are looking forward to an enthusiastic and active Subsection. §



# Pacific Water Conference Update

By Jay Stone  
At-Large Trustee—Annual Conference Council

The Hawai'i Section of the American Water Works Association and the Hawai'i Water Environment Association are proud to announce the second annual joint conference now known as the Pacific Water Conference at the Hawai'i Convention Center from February 3 – 5, 2015. This year's theme is "Ho'oulu a ho'owaiwai no ka wa e hiki mai 'ana—Enhancing Hawai'i's Water Resources for the Future."

Our joint conference committee is hard at work to bring you an exciting, fun, and educational conference. Help support the conference with a monetary contribution or placing an advertisement in the conference booklet. Reserve your exhibit booth soon before the spaces are sold out. Submit an abstract to be a speaker.

The conference will feature almost an entire week of activities kicking off with a community service event on Saturday, January 31 and the conference golf tournament on Monday, February 2 at the Hawai'i Prince Golf Course. On Tuesday, February 3, attend the Pre-Conference workshops at the Hawai'i Convention Center with tracks for water and wastewater operators and professionals, as well as a workshop targeted at developing personal and professional skills for young professionals.

The Conference officially opens on Wednesday, February 4. Join us in the Convention Center Exhibit Hall to cheer on this year's operator competitions featuring HWEA's Operations Challenge (Part 1) and AWWA's Pipe Tapping events. And remember to check out the exhibitors showcasing the newest and latest products in the industry. With up to 6 technical session tracks to choose from, there's sure to be one that piques your interest. The day will close with the always-popular "Meet & Greet" hosted by the exhibitors in the Exhibit Hall. Catch up with old friends or make new ones.

Thursday's program will feature HWEA's Operations Challenge (Part 2), AWWA's Top Ops contest, and more technical sessions. The Installation Program and Awards Banquet will be held in the evening for both AWWA and HWEA.

Registration, hotel information, and other details are at the conference web site  
[www.pacificwaterconference.com](http://www.pacificwaterconference.com).

If you have registration related questions or are unable to register online, please call our Registration Committee Co-chairs Jack Tano (768-7236) or Sandy Nahoopii-Soong (748-5731) for assistance.

We look forward to seeing all of you at the conference!

Aloha,  
Jay Stone | Lori Kahikina | Scott McAdam  
[pacificwatercon@gmail.com](mailto:pacificwatercon@gmail.com)  
2015 Conference Chairs §

# An Interview with 2014 AWWA Hawaii Section Bob T. Chuck Scholarship Awardee Rachel Stone

*By Timothy Lum Yee  
Awards and Scholarship Committee Chair*

Each year the AWWA Hawaii Section Scholarship Committee reviews applications for the Section's Scholarship Awards Program. The purpose of these scholarships is to support outstanding students in their quest for higher education and academic and social excellence. This past year, the Section was honored and fortunate to receive a special donation from the family of the late Mr. Robert T. Chuck, a former manager-chief engineer of the state Division of Water and Land Development, and contributions from friends and family of Bob through CH2M Hill's office. A past Fuller Award recipient, Mr. Chuck heavily contributed to the AWWA Hawaii Section. In 2013, his family's generous donation increased one special 2014 scholarship award to \$2,500.



The recipient of the 2014 AWWA HI Section Robert T. Chuck Scholarship was Rachel Stone, daughter of JoAnn and Jay Stone, AWWA Hawaii Section Member and current At-Large Trustee.

I recently had the privilege of interviewing Ms. Stone following her matriculation to the University of Pacific in Stockton, California. Ms. Stone not only impressed me and the committee members with her credentials, but she also impressed us with her humility; her strong moral values; her dedication to serve the community and those less fortunate; and her quest for academic excellence and public service.

Rachel shared that she appreciated and felt honored to be featured in this article. And I hope you can appreciate her thoughtful responses as well!

## **Which college did you decide to attend and why?**

I decided to attend the University of the Pacific in Stockton, CA for its accelerated 3+3 pre-pharmacy program. I also loved the beauty of the school and the bright personalities of the students.

## **What are you currently majoring in and how have the classes and curriculum been so far?**

I am currently majoring in pre-pharmacy, and the classes and curriculum has been considerably rigorous. Exams for science classes are especially difficult. You have to really know your material and study days, sometimes weeks, in advance in order to obtain the grade that you want.

## **Is it what you have expected?**

College has become a bit different from my initial perception. Yes, there are the parties, the people, the midterms, etc, but living here in Stockton sort of feels like a massive sleepover. I know I'll be going home in a few months, so that is definitely something of which I'm excited. I do miss the food from home. The cafeteria food just does not match up to the home cooked meals and the restaurants in Hawai'i.

*continued on page 15*

**What are some of the issues, needs, or even interests most important to you?**

As for my interests currently, I'm interested in the bankruptcy of the city in which I live. I haven't really gone to downtown Stockton because that area is very dangerous to go alone, but I don't fully understand what the bankruptcy is doing to the city.

**How do you work to address or learn more about them?**

I'm going to try and volunteer for organizations that help the homeless and feed the hunger. I know that there are many people struggling in the Stockton area, and I just want to do my part in making the world a better place, no matter how small my contribution may be.

**Outside of course work, how has your college experience been so far?**

I am invested in my clubs. I'm in the Hawai'i club. We're going to be putting on a big lü'au for the school, and I'm really excited for that. I'm also in the Kilusan Pilipino club, which is the Filipino club on campus. Although I'm not Filipino, it's very interesting immersing myself into another culture, and some of them have become my close friends.

I also am rushing for a sorority. I'm currently a pledge of Kappa Alpha Theta, and I'm very happy I did decide to rush this semester. At my college, freshmen aren't allowed to rush their first semester, but I came into the school with enough AP credits to be approved, so that's how I can rush. My pledge sisters and my active member sisters in the sorority are so kind and welcoming. I really feel like I belong somewhere, which is what every college freshman wants.

**Any on-going or new goals you look forward to accomplishing?**

My current goal is to earn high grades in my classes in order to keep my GPA up, so I am able to continue to receive academic financial scholarships from my school next semester and next year. Any scholarship I receive is really important to me because it reduces my student debt, and if I didn't receive scholarships from my school, I don't think I would be able to attend the University of the Pacific because of the price. However, I am very glad I did receive scholarships from my school and AWWA because now I'm able to attend a school that's going to prepare me to be a great pharmacist.

**Any final thoughts you'd like to share with the AWWA Hawaii Section members?**

Thank you for giving me this scholarship. Every dollar counts and AWWA Hawai'i gave me a lot of those. I just want to express my appreciation because AWWA Hawai'i gave me the opportunity to attend the schools of my dreams. Mahalo nui loa.

The 2015 Scholarship Application cycle is now open. A copy of the application is on the next two pages. If you have any questions, please feel free to contact me or any AWWA Hawaii Section officer. We look forward to reviewing the next round of young bright minds! §

# AWWA Hawaii Section Scholarship

## AMERICAN WATER WORKS ASSOCIATION HAWAII SECTION SCHOLARSHIP PROGRAM 2015

### PURPOSE

To provide financial assistance to AWWA Hawaii Section members and their dependents in their quest for higher education, and to encourage academic and social excellence.

### ELIGIBILITY

- Any current dues-paying "Member" of the AWWA Hawaii Section\* **or** "Dependent" (person claimed as a dependent on most recent income tax return) of a current dues-paying member of the AWWA Hawaii Section\* is eligible.
- Applicant must be a senior in high school and working toward full-time enrollment at an accredited college or university **or** a full-time student enrolled in courses leading to a Bachelor or Graduate degree at an accredited college or university.
- Financial need is not a criterion.
- Engineering major is not a criterion.
- Previous scholarship recipients in 2012 through 2014 are not eligible.
- Previous two-time AWWA Hawaii Section scholarship recipients are not eligible.

\* Must be a current member of AWWA Hawaii Section for a minimum of 3 months as of the date of the application deadline (specifically, member since September 15, 2014) to be eligible.

### APPLICATION SUBMITTAL REQUIREMENTS

1. Completed AWWA Hawaii Section 2015 Scholarship Application form.
2. Official school transcript of education (typically bears school's embossed seal). Photocopies of transcripts, self-printed progress reports (example: campus reports, degree audit reports, etc. printed off of the internet) are not acceptable.
3. Brief essay relevant to scholarship application (maximum two pages, double-spaced text).

### SELECTION

Consideration will be given to applicants who are dedicated to their studies, have set goals for themselves, and have developed a desire for post-high school education.

### AWARD – Total of 2 scholarships available for 2015

- A maximum of two \$1,500 scholarships
- The Scholarship Committee's decision will be announced at the 2015 Pacific Water Conference (Joint AWWA Hawaii Section | Hawaii Water Environment Association Annual Conference) on Wednesday, February 4, 2015.
- Scholarship recipients and/or parent-member(s) of scholarship recipients and their spouse(s) will be invited to attend the Conference awards luncheon.
- Awards will be available for Fall 2015 and will be presented to the recipient upon proof of college/university registration.

### APPLICATION DEADLINE

All applications must be received by **Monday, December 15, 2014**. Please submit application materials to:

SCHOLARSHIP COMMITTEE AWWA Hawaii Section  
c/o HDR Engineering  
1132 Bishop Street, Suite 1200  
Honolulu, HI 96813  
Attention: Timothy Lum Yee

*continued on page 17*

## **AWWA HAWAII SECTION 2015 Scholarship Application**

1. Name: \_\_\_\_\_ Social Security No. (last 4 digits only) \_\_\_\_\_
2. Address:  
Street No. & Name      City, State      Zip Code  
Home: \_\_\_\_\_  
Mailing: \_\_\_\_\_  
Bus. Phone: \_\_\_\_\_ Res. Phone: \_\_\_\_\_  
E-mail address: \_\_\_\_\_
3. AWWA Membership Number: \_\_\_\_\_ Relationship (check one): Self  Dependent   
If "Dependent": Name of Member & Relationship \_\_\_\_\_
4. Current school status: High school  College/University   
Year:  Freshman  Sophomore  Junior  Senior  Graduate  Other (please describe below):  
\_\_\_\_\_  
Full Time: Yes  No
5. Name and location of College/University for which this scholarship will be used: \_\_\_\_\_  
\_\_\_\_\_  
Date of entry into College/University: \_\_\_\_\_  
Curriculum/Major/Course: \_\_\_\_\_
6. Other College/Universities attended (indicate full time or part-time): \_\_\_\_\_  
\_\_\_\_\_
7. List three references (other than relatives): NAME, ADDRESS, PHONE NO.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
8. Please attach your official school transcript of grades for your two most recent school years. (Unofficial transcripts, such as self-printed progress or audit reports, are not acceptable.) If transcripts show your social security number, we ask that only the last 4 digits be shown.
9. Please submit a brief essay to the Scholarship Committee covering the following (maximum 2 pages, double spaced):
  - a. Reason for desiring a scholarship. Indicate to what expense award will be applied.
  - b. Academic interest and vocational plans, including any plans for graduate work.
  - c. Interests, hobbies, activities, memberships and offices held.
  - d. Employment: Type of work, name of employer, address, full-time or part-time; values and disadvantages. As applicable, describe major work since high school graduation.
  - e. Any other information you feel may assist the Committee in making a decision.
10. I HEREBY DECLARE that all statements on this application form and attachments are correct and complete.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Received by: \_\_\_\_\_

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title

# The Community Engineering Corps Needs AWWA-HI!

By Lindsey Geiger

The American Water Works Association is proud to have members like you - you value hard work, dedication, and above all, passion for the water industry. Your enthusiasm never wavers and you never shy away from a challenge, especially when you can lend a helping hand. And now, we're asking for your help in making our newest initiative great. With your help and the help of the AWWA Sections, we know the Community Engineering Corps has the power to change lives and make an impact here at home in the United States.



The Community Engineering Corps (CE Corps) was formed through an alliance between AWWA, the American Society of Civil Engineers (ASCE) and Engineers Without Borders USA (EWB-USA). The alliance combines the strengths of the three organizations to provide technical expertise to underserved US communities to ensure that the local infrastructure meets their community's needs. The CE Corps mission is to bring underserved US communities and volunteer engineering leaders together to advance local infrastructure solutions. Our vision is a country where all communities have access to the technical expertise required for ensuring the infrastructure capacity meets their needs.

It may surprise you to hear that many communities across the United States have deficient infrastructure systems and struggle with regulatory compliance issues. Through the CE Corps, volunteers will work on projects to assist such communities. Project types will range according to varied community requirements, and volunteers will be providing planning and engineering services.

## Get Involved!

AWWA members have many opportunities to engage in this program. Volunteers with a range of experience and expertise are needed to serve on program committees, mentor student project teams, work on project teams, or participate in fundraising.

Individual members may serve on one of two operational committees, the Domestic Application Review Committee (DARC) or the Technical Review Committee (TRC).

Members of the DARC ensure each project is compatible with the program's mission and vision by reviewing detailed project applications. In an application review, the DARC considers the community's commitment and needs as well as the project scope. Further, the application review also takes into account the potential for competition with local engineering firms as the CE Corps is intended to fill the gap for communities that do not have the financial resources to access engineering expertise in a traditional manner and should not increase competition to consulting firms. The DARC plays a critical role in accepting projects that will be well served by the CE Corps.

*continued on page 19*

---

***The Community Engineering Corps Needs AWWA-HI!, continued from page 18***

When a project application has been accepted by the DARC and matched with an appropriate project team, the TRC members provide the project team quality assurance/quality control. The TRC reviews the project team's work plan and deliverables to confirm the plan upholds the standard of care applied to similar projects, as each project is intended to preserve and protect the welfare of the public.

Additionally, through this program, AWWA's outstanding stable of experienced professionals have the unique opportunity to mentor student project teams. University-based student chapter members may serve on project teams along with their faculty advisors and professional mentors. Professional mentors will be able to lead the technical aspects of the community projects.

Beyond these opportunities for individual members, Sections also are encouraged to review the Open Projects page on the CE Corps website, form project teams and apply to work on projects that they find meaningful. Depending on community needs, project teams will likely need to include expertise beyond engineering, such as finance, treatment plant operations, and distribution systems and collection systems operations. Project teams will have access to quality assurance / quality control systems and educational resources to ensure the projects they work on are done in a manner appropriate to the US regulatory environment.

Sections are also encouraged to fundraise to support the projects their teams have adopted. The capital costs of community projects may be funded through traditional sources such as the State Revolving Loan Funds (SRFs) and Rural Utilities Service (RUS) or through community funds. Project teams may require additional funding to cover travel expenses, design support costs, and project fees. Fundraising activities through a project team's Section could support these additional costs.

#### **Make an Impact!**

CE Corps projects are informational in nature. Project teams offer engineering services, write reports, draft conceptual designs, or conduct assessments. A community then uses the information the project team has provided to hire the appropriate contractors to carry out or build the improvements.

Our current list of domestic projects ranges geographically and across all sectors of infrastructure. For example, the Black Mesa community of the Navajo Nation in Arizona has applied for technical assistance in site development. Part of this project is planning for the distribution of safe water to community residents.

In Louisiana, the New Orleans Professional Chapter of EWB-USA is working with the Louisiana Urban Stormwater Coalition to reduce flooding and improve stormwater management in a low-income region.

The following project highlight illustrates the breadth of the program's reach. CE Corps projects are not limited to water infrastructure, and AWWA appreciates the impact projects like this may have on water conservation efforts.

#### **Project Highlight:**

**Friends of Halawa Xeriscape Garden, Honolulu, Hawaii**

The Friends of Halawa Xeriscape Garden (FOHXG) have applied for technical assistance in advancing their facility. A project team from the EWB-USA Honolulu Professional Chapter has been matched to work with the community to safely expand the garden so that both residents of the City and County of Honolulu and

*continued on page 20*



visitors can benefit from the educational programs and resources provided by the xeriscape garden.

The FOHXG opened in 1989. They have been unable to fully expand and use the entirety of their space because of the steep, eroding slopes. The members of FOHXG have tried to get technical assistance in the past; however, little progress has been made and the garden continues to suffer. Inside the garden area, there is a section of steep slope that is eroding because of runoff. The FOHXG needs to stabilize the slope. The proposed solution is to construct terraces with retaining walls. The

retaining walls will be constructed with reused tires, compacted fill material, and rebar; each will be approximately three to four feet high.

In collaboration with the community, the project team has developed the following goals:

Allow FOHXG to fully use all the land and propagate their garden

Expand educational opportunities for the public

Create multiple terraced levels in a specific area with used tires to reduce the steepness of the slope

Create accessible planting and sitting areas

The needs are vast and the options are limitless, but this is just the beginning! The common thread and the crux of all of these projects is the community. Each community that submits an application has identified its most critical needs and is committed to the path forward. Community commitment and involvement are key components of this program.

We need you, AWWA-HI!

This program starts with the community, but will only move forward with help from our Sections. Because the Community Engineering Corps is still a new program, many communities may not be aware of the opportunities that exist. AWWA Sections and project teams may serve as the catalyst for engaging new communities and helping them understand the available opportunities. Whether they are providing engineering services or navigating the maze of funding options, project teams can make an impact.

Now that you have some ideas on how to get involved, take the next steps. Visit [www.communityengineeringcorps.org](http://www.communityengineeringcorps.org) for more information or to submit an application today!

Lindsey Geiger, Associate Engineer and J. Alan Roberson, Director of Federal Relations are co-managing AWWA's role in the Community Engineering Corps. §



# Safety Workshop

*By Jay Stone  
At-Large Trustee—Annual Conference Council*

The AWWA Hawaii Section Safety Workshop was held on October 3, 2014, at the Kauai Beach Resort in Lihue. The one-day workshop was attended by 22 representatives of the public and private sector, including Kauai and Maui County water agencies, the Safe Drinking Water Branch, and consultants.

This workshop was an introductory course designed to improve all non-operators, operators, and managers knowledge of the safety procedures for trenching, excavation, and shoring safety and electrical safety. Attendees left with a well-rounded understanding of safety regulations, procedures, and safe work practices.

Joaquin Diaz of Hawaiian Dredging Construction Company (HDCC) and Brian Polis of Lawson & Associates tag-teamed the workshop presentations throughout the day. The excavation and trenching session covered the following topics:

- Definitions
- Protection from water accumulation
- Stability of adjacent structures
- Protection from loose rock or soil
- Inspections
- Requirements for protective systems
- Soil classification
- Sloping and benching
- Shoring and shielding
- Surface encumbrances
- Underground installations
- Access/egress
- Exposure to vehicular traffic
- Exposure to falling loads
- Warning system for mobile equipment
- Hazardous atmospheres

The electrical safety session covered the following topics:

- Electrical shock
- General requirements
- Wiring design and protection
- Electrical protective devices
- Grounding requirements
- Electrical safeguarding
- Wiring methods, components, and equipment for general use
- Flexible cords
- Hazardous (classified) locations
- Safe work practices
- Lockout/tagout
- Environmental deterioration of equipment
- Batteries and battery charging

Joaquin Diaz is the Health, Safety, and Environmental Director of HDCC with over 18 years of occupational safety and health management experience. Brian Polis is the General Manager of Lawson & Associates with over 15 years of experience in occupational safety and health.

On behalf of the AWWA, Hawaii Section, I would like to thank all of you for attending the workshop. The Workshop Committee also wishes to thank the speakers for participating in the workshop, and mahalo to the Department of Water, County of Kauai for their assistance in making this a successful event. §

# AWWA Hawaii Section Member Stories

*The AWWA Hawaii Section Newsletter wants to highlight various members to discuss why they joined AWWA and what their experiences have been as section members.*

## *Juanita Colon*

*At-Large Trustee—Administrative & Policy Council*

**A**loha!! I was approached by Elson Gushiken back in 2008 to become an AWWA member with the hopes of becoming a chairperson for the Small Water Systems committee. I was fairly new to the water industry at that time and wasn't sure about joining let alone what role I would play. After much discussion and persuasion, I joined AWWA in 2009. Since joining, I've come to appreciate not only my job but more importantly what we do as operators, engineers and managers in the water industry. So, thanks Elson for the arm twisting.

There are so many benefits of being a member nationally and locally. On a national level having access to a myriad of publications (i.e., Opflow and Journal) on topics ranging from operator certification to best management practices is invaluable. At the Hawaii level being a member has afforded me the opportunity to network with others both professionally and personally. I've met a lot of great people along the way and look forward to meeting more as the years go on.

Currently, I am the At-Large Trustee for the Administration and Policy Council. My role as the Trustee is to oversee the following committees: Bylaws/Standard Practice Manual; Finance; Strategic Planning; Awards; Membership; and Nominating. For several years I was the Small Water Systems Committee Chairperson before becoming the At-Large Trustee at this year's conference.

As the Trustee overseeing the Membership committee; I would like to encourage everyone, especially the small systems, to get involved with AWWA and the Hawaii section. The section is a great place to network and partner with others to collaborate or get feedback on projects you may be working on. Going forward I would like to see more participation from the small systems at the 2015 Pacific Water Conference to be held from February 3 to 5, at the Hawaii Convention Center. I would also like to see the organization have a greater public presence through community outreach (i.e., Earth Day, Science Fairs, etc.).

Malama Pono.



**Editor's Note:** Mark Ohigashi, Chair of the Section's Youth Education Committee, has a call out for mentors to students participating in the Hawaii State Science and Engineering Fair.

*continued on page 23*

*The AWWA Hawaii Section Newsletter wants to highlight various members to discuss why they joined AWWA and what their experiences have been as section members.*

## **Kevin Ihu**

*BWS Trustee—Water Utility and Government Affairs Council*

**T**he trademark saying of the American Water Works Association (AWWA) is “Dedicated to the World’s Most Important Resource.” Being a part of the State’s largest water utility where the Vision is “Ka Wai Ola – Water for Life,” AWWA’s trademark resonates deep. Delivery and protection of this precious resource is generally taken for granted. Mandatory conservation measures because of drought; images of underdeveloped countries’ water struggles; predictions of the end of potable water resources; they all send the message of how important water is. The message not being sent is how challenging it is and how much effort it takes to protect and effectively deliver this resource.



I became an AWWA member in 2002 only because I was attending the Annual Conference in New Orleans. I continued my membership because I worked for the Honolulu Board of Water Supply and would read articles in the publications and that’s about it. After becoming the BWS trustee for the Hawaii Section a year ago, I realize how much more AWWA membership has to offer. Hawaii Section AWWA meetings, training, conferences, and other events bring together a diverse group of individuals. The focus is always about challenges facing the drinking water industry. The message that is not being delivered to the general public is clearly delivered through those events. At Section events, boundaries between utilities, consultants, unions, and contractors are erased. There is one body of individuals all working towards the same goal; it made me feel that we (BWS) are not alone in our mission.

So no matter what role anyone has in the industry, taking part in Hawaii Section events will be beneficial and fulfilling.

Aloha. §

# AWWA Library

- 2011 Annual Conference - opening General Session videos  
A Century of Safe Drinking Water  
Activated Carbon: Solutions for Improving Water Quality  
Avoiding Rate Shock: Making the Case for Water Rates  
AWWA 2002 Annual Conference Videos  
AWWA and the Consumer Confidence Report  
AWWA M/DBP LT2 Stage 2 Training Toolkit  
Backflow Prevention and Cross Connection  
Basic Microbiology for Drinking Water Personnel, 2nd Edition  
Careers in Drinking Water  
Case Studies in Source Water Protection  
Design and Construction of Small Water Systems  
Developing Rates for Small Water Systems  
Disinfectants and Disinfection By-products: Understanding the Proposed D/DBP Rule (2 tapes) with accompanying handbook  
Disinfection of Pipelines and Storage Facilities Field Guide  
Forecasting Urban Water Demand, 2nd Edition  
Guide to the Filter Backwash Recycling Rule  
Handbook of Public Water Systems, 2nd Edition  
How Water Works - a Typical Water System Poster  
How Water Works - an interactive Tour CD  
How Water Works - Conventional Water Treatment Processes Poster  
How Water Works - Residential Use  
HWEA presents Water Recycling in Hawaii  
Hydraulic Modeling and GIS  
Inside the Weather  
Introduction to QualServe  
Lead and Copper Rule Compliance: How to Conduct a Corrosion Control Study (2 tapes) with accompanying handbook  
Let's Talk Safety Talks  
Modeling Water Quality in Distribution Systems, 2nd Edition
- Natural and Engineered Solutions for Drinking Water Supplies  
Operator Certification Guide - 5th Edition  
Operator Math Made Easy  
Our Water Cycle DVD  
Overview of Environmental Laws and Regulations  
Plain Talk about Drinking Water - 5th edition  
Planning for the Distribution of Reclaimed Water (M24)  
Practical Manual of Groundwater Microbiology, 2nd Edition  
Public Affairs for Water Utilities  
Pump Selection and Troubleshooting Field guide  
Safety First: Night Work  
Safety First: Work Area Traffic Control  
Safety Practices for Water Utilities  
Secrets to Success: How to Prepare for Operator Certification  
Seizing the Initiative: Section and Member Utility Involvement in the SDWA  
The Business of Water: A Concise Overview of Challenges and opportunities  
The Evolving Water Utility  
The Importance of Utility Membership  
Water Audits and Loss Control Programs 3rd Edition (M36)  
Water Conservation Communications Guide  
Water Conservation for Small and Medium-Sized Utilities  
Water Conservation-Oriented Rates: Strategies to Extend Supply, Promote Equity, and Meet Minimum Flow Levels  
Water Distribution Operator Training Handbook  
Water Infrastructure at a Turning Point: The Road to Sustainable Asset Management  
Water Main Disinfection and Dechlorination  
Water Resource Alternatives: The Future of Sustainable Utility Practices (2 tapes)  
Water Reuse for a Sustainable Future  
We are AWWA  
WSO: Distribution System

# Committee Chairs 2014-2015

## Awards & Scholarship

### ***Timothy Lum Yee***

HDR Engineering  
1132 Bishop Street, Suite 1200  
Honolulu, Hawaii 96813  
Phone: (808) 271-2493  
FAX: (808) 697-6201  
E-mail: [timothy.lumyee@hdrinc.com](mailto:timothy.lumyee@hdrinc.com)

## Bylaws/Standard Practice Manual

### ***Ross Kaneko***

CH2M Hill  
1132 Bishop Street, Suite 1100  
Honolulu, HI 96813  
Phone: (808) 440-0225  
FAX: (808) 538-8225  
E-mail: [rkaneko@ch2m.com](mailto:rkaneko@ch2m.com)

## Conference

### ***Jay Stone***

Belt Collins Hawaii LLC.  
2153 North King Street, Suite 200  
Honolulu, HI 96819-4554  
Phone: (808) 521-5361  
FAX: (808) 538-7819  
E-mail: [jstone@bchdesign.com](mailto:jstone@bchdesign.com)

## Diversity/Young Professionals—

### **Chair & Newsletter**

#### ***Susan Mukai***

Brown and Caldwell  
737 Bishop Street, Suite 3000  
Honolulu, Hawaii 96813  
Phone: (808) 203-2667  
E-mail: [smukai@brwncald.com](mailto:smukai@brwncald.com)

## Diversity/Young Professionals—

### **Vice Chair & Public Outreach**

#### ***Alyssa "Sunshine" Smith***

CH2M Hill  
1132 Bishop Street, Suite 1100  
Honolulu, HI 96813  
Phone: (808) 440-0207  
FAX: (808) 538-8218  
E-mail: [Alyssa.smith@ch2m.com](mailto:Alyssa.smith@ch2m.com)

## Exhibits

### ***Rich Hopkins***

Hopkins Technical Products Inc.  
470 Harvest Park Drive, Suite C  
Brentwood, CA 94513-4036  
Phone: (808) 240-2160  
FAX: (925) 825-8320  
E-mail: [rich@htpinc.com](mailto:rich@htpinc.com)

## Finance

### ***Audrey Yokota***

Gray, Hong, Nojima and Associates, Inc.  
201 Merchant Street, Suite 1900  
Honolulu, Hawaii 96813  
Phone: (808) 521-0306 ext 107  
FAX: (808) 531-8018  
E-mail: [ayokota@grayhongnojima.com](mailto:ayokota@grayhongnojima.com)

## Legislation/Regulation

### ***Susan Uyesugi***

SSFM International  
501 Sumner Street, Suite 620  
Honolulu, Hawaii 96817  
Phone: (808) 356-1246  
FAX: (808) 521-7348  
E-mail: [suyesugi@ssfm.com](mailto:suyesugi@ssfm.com)

## Membership

### ***Jason Takaki***

Honolulu Board of Water Supply  
630 South Beretania Street  
Honolulu, Hawaii 96843  
Phone: (808) 748-5700  
FAX: (808) 550-5030  
E-mail: [jtakaki@hbws.org](mailto:jtakaki@hbws.org)

## Nominating

### ***Daryl Hiromoto***

Honolulu Board of Water Supply  
630 Beretania Street  
Honolulu, Hawaii 96843  
Phone: (808) 748-5505  
E-mail: [DHIROMOTO@hbws.org](mailto:DHIROMOTO@hbws.org)

## Operators Training

### **(Vacant)**

## Pacific Rim

### ***Dean A. Nakano***

Brown and Caldwell  
737 Bishop Street, Suite 3000  
Honolulu, Hawaii 96813  
Phone: (808) 203-2673  
E-mail: [dnakano@brwncald.com](mailto:dnakano@brwncald.com)

## Research/Technology

### ***Dr. Marek Kirs***

WRRC, University of Hawai'i at Manoa  
2540 Dole Street, Holmes Hall 283  
Honolulu, HI 96822  
Phone (808) 956-9579  
FAX: (808) 956-5044  
E-mail: [kirs@hawaii.edu](mailto:kirs@hawaii.edu)

## Small Water Systems

### ***Joy Gannon***

RCAC|Environmental Programs  
1135 Makawao Ave. #252  
Makawao, HI 96768  
Phone: (808) 345-1246  
E-mail: [JGannon@rcac.org](mailto:JGannon@rcac.org)

## Strategic Planning

### ***Jeffrey Pearson***

Department of Water Supply  
200 South High Street, 5th Floor  
Wailuku, Hawaii 96793  
Phone: (808) 270-7681  
E-mail: [jeff.pearson@co.maui.hi.us](mailto:jeff.pearson@co.maui.hi.us)

## Water for People

### ***Paul "Scotty" Scott — Co-Chair***

Engineered Systems, Inc.  
P.O. Box 865  
Kailua, Hawaii 96734  
Phone: (808) 263-2232  
FAX: (808) 263-3928  
E-mail: [esikailua@aol.com](mailto:esikailua@aol.com)

## Water for People

### ***Kylee Augustino***

Engineering/Remediation Resources  
Group  
677 Ala Moana Blvd Ste 308  
Honolulu, HI 96813  
Phone: (808) 664-8087  
E-mail: [kylee.augustino@gmail.com](mailto:kylee.augustino@gmail.com)

## Water Reuse - AWWA

### ***Elson Gushiken***

ITC Water Management  
66-079 Kamehameha Highway  
Haleiwa, Hawaii 96712  
Phone: (808) 637-5078  
Fax: (808) 637-4779  
E-mail: [elson@itcwater.com](mailto:elson@itcwater.com)

## Water Reuse - HWEA

### ***Eassie Miller***

Kennedy/Jenks Consultants, Inc.  
AIPA Building  
3375 Koapaka Street, Suite F227  
Honolulu, Hawaii 96819  
Phone: (808) 218-6049  
FAX: (808) 488-3776  
E-mail: [eassiemiller@kennedyjenks.com](mailto:eassiemiller@kennedyjenks.com)

## Website

### ***Mike Bungcaya***

Group 70 International  
925 Bethel Street, 5th Floor  
Honolulu, Hawaii 96813  
Phone: (808) 523-5866  
Direct: (808) 441-2124  
E-mail: [mbungcaya@group70int.com](mailto:mbungcaya@group70int.com)

## Workshops/Safety

### ***Trevor Inouye***

Brown and Caldwell  
737 Bishop Street, Suite 3000  
Honolulu, Hawaii 96813  
Phone: (808) 203-2676  
E-mail: [tinouye@brwncald.com](mailto:tinouye@brwncald.com)

## Youth Education

### ***Mark Ohigashi***

Brown and Caldwell  
737 Bishop Street, Suite 3000  
Honolulu, Hawaii 96813  
Phone: (808) 203-2668  
E-mail: [mohigashi@brwncald.com](mailto:mohigashi@brwncald.com)

# Newsletter Advertising

The Hawaii Section of the American Water Works Association (AWWA) is currently seeking advertisers for its quarterly newsletter. Advertising provides a direct message to a population of over 600 members statewide who are in need of the products or services being advertised. Although we have switched to electronic distribution of the newsletter, we feel that there is still equal benefit to advertising in the electronic newsletter as with the printed newsletter. In addition, advertising in the electronic newsletter can be in full color.

Please be aware that advertising in the newsletter is available only to businesses related to the drinking water field. Please also note that all advertisements will be submitted for review and approval by the AWWA Hawaii Section Board of Trustees for ad content.

Item Number	Ad Size	Ad Size (wxh)	Cost Per Issue
(1)	1/8 Page	3 ½" x 2 ¼"	\$35 (business card)
(2)	1/4 Page	3 ½" x 4 ¾"	\$55
(3)	1/2 Page (H)	7 ½" x 4 ¾"	\$80
(4)	1/2 Page (V)	3 ½" x 9 ¾"	\$80
(5)	Full Page	7 ½" x 9 ¾"	\$110

To advertise in the AWWA Hawaii Section Newsletter,  
simply complete the application form below.

Ads must be in a "camera ready" form, as a \*.jpeg or \*.tif, and must have a minimum resolution of 225 dpi – maximum resolution of 300 dpi.

## APPLICATION FOR AWWA HAWAII SECTION NEWSLETTER ADVERTISING

### STEP 1 – FILL OUT ADVERTISING INFORMATION:

Name of Organization: \_\_\_\_\_

Name & Title of Contact: \_\_\_\_\_

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

Phone No. (    ) \_\_\_\_\_ FAX No. (    ) \_\_\_\_\_

E-mail: \_\_\_\_\_

### STEP 2 – NOTE SIZE OF ADVERTISEMENT AND NUMBER OF ISSUES:

(    ) Size (item number) (    ) Number of issues

### STEP 3 – SUBMIT PAYMENT:

Make check payable to: **AWWA Hawaii Section**

Gray, Hong, Nojima, and Associates, Inc.  
201 Merchant Street, Suite 1900  
Honolulu, Hawaii 96813  
ATTN: Audrey Yokota

### STEP 4 – SUBMIT ADVERTISEMENT:

Advertisement shall be submitted to:

Susan Mukai  
Phone: (808) 203-2667  
E-mail: smukai@brwncaid.com

AWWA  
Hawaii Section  
PO Box 22614  
Honolulu HI 96823-2614

## Upcoming Calendar of Events

**November 6, 2014**  
YP Technical Presentation/Field Trip  
Pacific Pipe Co.  
3:30 - 5:00 PM  
Pearl City, HI

**November 13-14, 2014**  
Hawaii Water Reuse Conference  
Honolulu, HI

**December 19, 2014**  
AWWA Executive Committee Meeting  
Honolulu, HI

**January 31, 2015**  
Community Service Event for the Pacific Water Conference  
Honolulu, HI

**February 2-5, 2015**  
Pacific Water Conference  
Hawaii Convention Center  
Honolulu, HI

**February 5, 2015**  
AWWA Board of Trustees Meeting  
General Membership Meeting  
Pacific Water Conference  
Honolulu, HI

### Hawaii Section Website

<http://www.awwa-hi.org>

The AWWA Hawaii Section website was recently renovated. Please visit the website and let us know if you have any comments or suggestions.

### *Editor of this Issue:*

Susan Mukai  
c/o Brown and Caldwell  
737 Bishop Street, Suite 3000  
Honolulu, HI 96813  
E-mail: [smukai@brwncald.com](mailto:smukai@brwncald.com)

### *Production Information Newsletter*

The American Water Works Association/Hawaii Section newsletter is published to inform its members of Section and International AWWA activities, meetings, educational opportunities and other matters of interest to the water community. The mention of trade names for commercial products does not represent or imply an endorsement by AWWA Hawaii Section.

### *Newsletter Articles*

AWWA members are welcome to submit articles for the Newsletter. Please contact Susan Mukai at [smukai@brwncald.com](mailto:smukai@brwncald.com) for information.

Submissions for the Winter Newsletter are due by Friday, January 9, 2015.