2017 Pacific Water Conference

By Susan Mukai
At-Large Conference Trustee

The 2017 Pacific Water Conference was one of our largest turnouts to date. Thank you to everyone who attended!

On Tuesday, February 14, the Pre-Conference kicked off with five concurrent tracks:
1. Young Professionals (YP)
2. Small Systems Drinking Water State Revolving Fund
3. Wastewater Operators
4. Water Operators

There were over 220 attendees at the Pre-Conference, and all sessions were well-attended. Following the Pre-Conference, the YP group hosted a social at Mexico Cantina at Ward Center where over a dozen YPs gathered for networking and good food. Also that evening, the AWWA and HWEA organizations hosted a visiting officer’s reception at Side Street Inn to welcome AWWA Chair Jeanne Bennett-Bailey and WEF Immediate Past President Paul Bowen.

Wednesday was the first day of the main conference, and it began with impassioned talks by keynote speakers Kamuela Enos of Mao Farms and Albie Miles of the University of Hawaii West Oahu. Over the course of the two-day conference, there were 69 technical presentations, 6 exhibitor demonstration sessions, just under 900 attendees including exhibitors, and 112 exhibitor booths. This year was the first year that the technical program track included an exhibit hall demonstration track, which allowed exhibitors to give hands-on presentations about new technology and products.

YPs Hanging out with Eddy (AWWA) and Niles (WEF)
Photo Credit: Travis Ota

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The conference also featured the Pipe Tapping and Top Ops competitions. This year, there were two teams entered in the Pipe Tapping Competition: the Big Island tapping team (Leonard Midallia, Roy Miyasaki, Norris Gonsalves, and Ted Lindsey) and the Honolulu Board of Water Supply (BWS) team (Ben Meria, Evan Kaneshiro, Chad Kamalani-Coleman, and Christopher Morris).

Congratulations to the Big Island Tapping Team for winning this year’s Pipe Tapping Competition, and thank you to Daryl Hiromoto for being the emcee.

Additionally, two teams competed in the Top Ops Competition, which was a fast-paced question and answer tournament where questions are comparable to water operator certification exam questions. The team from BWS included Dayne Terlep, Lesli Joseph, and Jacob Pantastico, and the team from Kawela included Halealoha Ayau, John Kekoa Colon, and Troy Heen. This year’s Top Ops winner is the team from Honolulu BWS. Congrats!

At the awards luncheon on Thursday, winners for the student poster competition, scholarship, and member awards were announced. Please take the time to read the articles about each of these awards later in the newsletter. In summary of the awards, congratulations to Kelli Miyahira (daughter of AWWA Hawaii Section member Mike Miyahira), Outstanding Section Member Trevor Inouye, and Special Recognition Award Recipient Joy Gannon.

At the Thursday evening banquet, the 2017 AWWA Fuller Award was presented to our Hawaii Section Director, Ken Ota. Please make sure to congratulate Ken and read the newsletter article about this prestigious and well-deserved recognition. Also at the banquet, the officers for the current year were recognized and the upcoming 2017-2018 officers were sworn in, but the new officers will not assume their new positions until the beginning of June.

On Friday, the golf tournament took place at the Ala Wai Golf Course. There were 34 teams, lots of friendly competition, and perfect golfing weather. Lastly, the final conference event took place on Saturday, February 18 at Mokauea Island. We had a group of 50 volunteers who paddled from the Sand Island Boat Harbor to Mokauea Island to remove invasive species.

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I would like to personally thank the 2017 PWC Committee for their hard work and commitment to making this the best conference yet. It takes months of planning, and without the collaboration between the AWWA and HWEA volunteers, none of this would be possible.

**2017 Pacific Water Conference Committee Members:**
Conference Co-Chairs: Emily Dong, Puna Kaneakua, and Susan Mukai
Registration: Sandy Nahoopii-Soong, Carly Kaneko, and Austin Wong
Technical Program: Tim Lum Yee, Kapiolani Street, Jordan Fahmie
Young Professionals: Jessica Agsalda and Hernan Co
Exhibits: Rich Hopkins and Scott McAdam
Publications: Jessica Agsalda and Amanda Tanaka
Contributions: Jay Stone and Keith Faufata
Pipe Tapping: Glenn Ah Yat
Top Ops: Kevin Ihu
Ops Challenge: Jonathan Baker and Wayne Salas
Golf Tournament: Darnelle Chung and Julie Hero
Photo Contest: Joanna Seto and Kelu Zhang
Student Poster Contest: Mark Ohigashi and Jayson Tasaka
Community Service: Audrey Haerle and Alicia Nakano
AWWA Chair: Mike Street
HWEA President: Staci Taniguchi

I would also like to thank Susan Uyesugi, Dean Nakano, Cliff Lum, and Kirk Saiki for helping to man the registration table. Thank you also to Juanita Colon who made the beautiful yarn lei that our conference committee and board members were seen wearing throughout the conference.

Last, but not least, I would like to thank everyone who helped to moderate and assistant moderate sessions. The conference committee appreciates your help to keep us on track and to provide CEU stamps for attendees. While it may seem like a thankless job, please know that we could not have made this conference happen without you!

Thank you again to all who helped and attended this year’s conference. We look forward to seeing you all again next year! §

Conference photos courtesy of Hernan Co
Chair’s Message
By Michael Street
Hawaii Section Chair

The Hawaii Section of AWWA, along with HWEA, has just completed another successful Pacific Water Conference this past February. The attendance numbers have continued to rise for the conference indicating a continuing interest in issues relating to water within the state. These issues include conservation, recycling, protection, technologies, operations, safety and regulations among the many aspects of the water and waste water industry. There were over 100 exhibitors that set up booths to share information on equipment and services. Congratulations go out to all who participated in making the conference a success, especially Susan Mukai who was the AWWA conference chair this year. We look forward to many more years of success with the conference.

As announced at the PWC this year, Ken Ota was selected as the Fuller Award winner. Ken has participated for many years with AWWA in various roles, the latest being the Hawaii Section National Director for the past 3 years. Ken will also be recognized at ACE17 in Philadelphia in June. Much deserved congratulations to Ken for all of his years of service to the Hawaii Section.

The RMSO for Region 5 was held in December in Honolulu. Attendees from all the member sections gathered together at the Hilton Hawaiian Village to hear from AWWA National about the current issues that AWWA is focused on including the reorganization of the regions and the lead rule standards.

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.

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2016-2017

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The Hawaii Section is making arrangements for its annual strategic planning meeting scheduled for April 2017. If you have ideas, thoughts, or items that the Hawaii Section should be considering to improve how the Section functions and how the section should service its members, feel free to contact any member of the board or any committee chair.

The Hawaii Section is always on the lookout for those that are willing to participate on a committee. The committees cover a wide variety of interests within the water industry. As we start heading for a new fiscal year, this is a great time to become involved. Contact the Hawaii Section to get started.

For those that can make it, AWWA ACE17 will be held in Philadelphia from June 11-14, 2017. It is a great opportunity to learn about AWWA and the water industry. There will be many important speaking sessions and exhibitors there plus Philadelphia is a great city with many historical sites. §

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.
Our winter Board meeting was held in beautiful Scottsdale, Arizona. The Board approved the Lead Service Line Management Policy Statement. The policy statement will lend support to AWWA member utilities when addressing the need for full lead service line replacement with their public officials and customers. It was designed to provide broad guidance on the issue and focus on the high-level details with emphasis on protecting public health.

- Public education and communication
- Maintain optimal corrosion control measures
- Developing a collaborative community-based approach

You will see more education webinars on “Total Water Solutions.” The Standards Council continues to streamline topics for 2017 on the following specific standards:

- Direct Potable Reuse Programs O&M
- Stormwater Programs O&M
- Wastewater Collections Systems O&M
- Solids Handling Pumps for Wastewater
- UV Disinfection of Wastewater
- Fine Bubble Diffusers
- Dewatering Polymers for Wastewater

Webinars “Total Water Solutions”

- Infrastructure Finance Series: Federal Policy Development affecting the Water Sector; April 19th
- Infrastructure Finance Series: Utility Integration of Private Financing; May 10th
- Community engineering Corps: Using Volunteer Expertise to make an impact in Small Systems; May 17th
- Integrating NASA Datasets into Utility Water Resources Planning and Management; May 24th
- Infrastructure Finance Series: Innovative strategies for Customer Affordability; June 7th

We also approved the 2017-2018 officers:

- President-Elect – David Rager (Ohio Section)
- Director-at-Large – Marshall Thompson (Pacific Northwest Section)
- Service Provider Director-At-Large – Randy Moore (Missouri Section)
- Vice Presidents
  - Ray Baral, Jr. (Connecticut Section)
  - Stephen Blankenship (New Jersey Section)
  - Mark Coleman (Michigan Section)
  - Alan Forrest (Arizona Section)

Thank you, Conference Chair Susan Mukai, and all the committee members for making the 2017 Pacific Water Conference a huge success. §
Western Pacific Subsection

Western Pacific Subsection
Excited for its Upcoming
April 2017 Conference

By Geigy Q. Salayon
AWWA-HIWPS Chair

The Western Pacific Subsection of the Hawaii Section of the American Water Works Association (AWWA-HIWPS) held its annual “Holiday Mixer” on January 13, 2017. Excellent food, games and karaoke were shared by those attending.

AWWA-HIWPS will be having its 2017 conference on April 17-18 at Hyatt Regency Guam. The conference theme is “Applying Adaptive Management and Emerging Technologies to Improve Water Utilities in Tropical Islands.” The conference will focus on technical topics such as SCADA, Mobile Workforce, Program Logical Control, Hydraulic Models, Asset Management, Wastewater Technology, Cross Connection and Backflow Prevention, Leak Detection with SCADA and other innovative solutions.

We encourage all current AWWA members to attend, water and wastewater operators, engineers and scientist, water and wastewater vendors and suppliers and college students who are interested in exploring careers in water and/or wastewater. The AWWA Planning Committee sent out call for papers relative to the theme and have receive quite a number of interested presenters.

The Subsection is also developing a Pipe Tapping Demonstrations in coordination with various regional plumbing companies, and hope to have an International Style demonstration at this conference.

News updates on the conference are now posted on the Subsection website: http://www.awwa-hiwps.org/.

The Subsection Vice-Chair has resigned due to work pressures, and the Vice-Chair Elect, Vincent “Vince” Pangelinan, has been confirmed by the subsection Board of Directors as Vice-Chair. The Subsection will be electing a new Vice-Chair-Elect at a General Meeting to be held as part of the April Conference.

Taking advantage of the now being assembled Subsection Library, the Training Committee is now preparing a season’s workshop/training schedule which will be made available on the Subsection web site when it is approved by the Board. Among the items being planned is a workshop/conference on Saipan in June 2017.
Congratulations to Ken Ota for being selected as the 2017 recipient of the Hawaii Section’s George Warren Fuller Award. The George Warren Fuller Award is presented annually by the American Water Works Association to the Sections’ respective selected member for their distinguished service to the water supply field in commemoration of sound engineering skill, brilliant diplomatic talent, and constructive leadership which characterized the life of George Warren Fuller.

Ken Ota’s service to the Hawaii Section and water industry exemplifies the ideals of the George Warren Fuller. Ken has been a member of the Hawaii Section since August 1995, and has served the Hawaii Section in numerous capacities:

- 2006 - 2007 – Legislation / Regulation Committee
- 2007 - 2011 - Manufacturer Trustee
- 2011 - 2012 - Vice Chair
- 2012 - 2013 - Chair
- 2013 - 2014 - Past Chair, Scholarship Committee Chair
- 2014 - 2017 - Director

Born and raised on Maui, Ken has over 25 years’ experience in the Water, Wastewater, and Irrigation industry. He attended Baldwin High School and graduated at the University of Hawaii Manoa in Business Finance. Ken is the President and CEO of Pacific Pipe Company a distributor of engineered construction products for the Civil, Irrigation, Agriculture, and Golf Industry in Hawaii and Guam.

Ken is also active in the community and participates on the A&B Sugar Museum Board of Directors and was previously on the Board of Directors for A Keiki’s Dream, Maui Contractors Association, and Big Brothers Big Sisters. Ken is a busy family man with wife Saedene, son Zack (12), and daughter Xia (11).

Ken was presented with a George Warren Fuller Award pin at the Pacific Water Conference banquet and will also be honored with a plaque at the Fuller Awards ceremony in Philadelphia during ACE 17 in June. Please congratulate Ken when you see him! §
Scholarship and Section Award Recipients

By Jeffrey Pearson
Immediate Past Chair

As Past Chair, my duties for this year’s 2017 Pacific Water Conference include Scholarship Committee, Outstanding Section Member Award and Special Recognition Award.

Although we again only had one application for the scholarship award, the applicant was very interesting and deserving. Her name is Kelli Mie Miyahira, daughter of Mike Miyahira. Kelli attended Whittier College studying Music Therapy with a cumulative GPA of 3.37. She went on to Graduate School at New York University, with a current GPA of 3.95. She received a monetary scholarship from AWWA – Hawaii Section for $2000. To try to describe what Kelli field of study is, following is a short segment from her essay:

“I have been able to practice music therapy with preschoolers who have auditory and speech disabilities, adults on a locked psychiatric unit, and currently with pediatrics at Mount Sinai Kravis in New York City. These valuable experiences have kept me in a constant awe of the ways in which music can: reach those who are deemed too far gone; contain and hold a variety of emotional states in the safety of musical form; and to be used as a resource in which a patient’s strengths, interests, and challenges can manifest and also be worked through.”

Congratulations Kelli and Mike on earning this year’s AWWA Hawaii Section scholarship.

The award for Special Recognition went to Joy Gannon. The purpose of this award is to recognize members who have untiringly served the section in some capacity during the past year. Joy worked very hard to bring up a new AWWA web site to replace our old site. The old site was compromised making it nearly impossible to access. Joy stepped up, created the new site, and began training the officers on how to populate the site. Check out www.hiawwa.org and see for yourself. Thank you Joy from...
the Hawaii Section.
The award of Outstanding Section Member Award was given to Trevor Inouye. The purpose of this award is
to recognize a member who, through their interest and demonstrated activity, has contributed significantly
to the progress and well-being of the Hawaii Section AWWA, but who has not otherwise previously been
recognized. Trevor has worked very hard at organizing workshops for the Hawaii section for many years. He
has organized workshops throughout the state, worked hard at maintaining the budget, and put many hours
into subject topics and securing attendance for these workshops. The food is not that bad either. Thanks for
all your hard work Trevor.§

New AWWA Hawaii Section Members

Please welcome our newest Hawaii Section members!

James Ano
Rory Belanio
Stephen Bokolas
Elise Budd
Yuyuen Chang
Sabrina Diemert
Rory Ellamar
Chelseas Gilleres
Cyril Hamada
Mark Leili

Francis Lizama
Moana Lutey
Susana Marquez
Jennifer Nikaido
Derek Ono
Jordan Oue
Maricar Quezon
Jan Reyes
Scott Rollins
Brian Sekiguchi

Brad Seymour
Karl Stein
Aaron Sutton
Keith Taguma
Wade Tenorio
Shane Van Buskirk
Barry Willis
Lee Zubrod

Join AWWA as an individual member by March 31 to get access to
free distance learning opportunities in 2017!

You will be able to choose one distance learning offering per quarter from the full line of webinars offered in
2017 or from 5 of our most popular self-paced eLearning courses:

- Why Are Water Service Lines Important
- Disinfection Basics
- Instrumentation
- Distribution Service to Customers
- Distribution System Materials and Equipment
Congratulations to the winners of the 2017 AWWA-Hawaii Section Fresh Ideas Poster Contest, held at the Pacific Water Conference! Innovative undergraduate and graduate students from Hawaii’s universities were invited to display, present, and defend their drinking water-related research to a panel of judges in our annual research poster contest. Also held on the national-level with the country’s best presented at the AWWA Annual Conference & Exposition (ACE), the Fresh Ideas Poster Contest’s intent is to not only showcase academia’s brightest students, but also to share new ideas and current research across the water-industry. The local universities invited to participate included: University of Hawai’i (UH) at Mānoa, UH-West O‘ahu, Hawai‘i Pacific University, Brigham Young University-Hawai‘i, and Chaminade University of Honolulu. There were 8 entries this year, all from UH-Mānoa, and the top 3 were awarded cash prizes of $300, $200, and $100, respectively. This year’s winners are:

1st Place: Sabrina Diemert – Investigation of Ferrous Iron-Induced Antibacterial Mechanisms
2nd Place: Elahe Tajfar – A Comparison of Linear and Dynamic Programming Models for Stream Water Quality Management
3rd Place: Michelle Chu – Sensitivity Analysis of Sea-level Rise Induced Groundwater Infiltration in Coastal Sewer Pipes

A big MAHALO to our volunteer judges for this year’s contest! They graciously volunteered to give up their break in the technical sessions at the conference to talk with each of the students and make a very difficult decision. This year’s judges were:

- Thomas Ochwat, P.E. – Department of Water Supply, County of Maui
- Jeffrey Theerman, P.E. – Brown and Caldwell
- Timothy Lum Yee, P.E. – HDR
To close this year’s 2017 Pacific Water Conference, conference attendees and their friends and family volunteered for a community service event on Saturday, February 18, 2017 at Mokauea Island. About 50 volunteers paddled outrigger canoes to get to the island located across the channel from Sand Island Boat Harbor.

This project was coordinated with Kai Makana, a non-profit group which has been leading restoration efforts at Mokauea Island. Kai Makana provided our volunteers a unique perspective into what life was like before Pearl Harbor and Sand Island were dredged. We learned that the area once harbored several large fishponds which helped feed the people of Oahu and that the residents of Mokauea Island (along with other small islands nearby) were stewards of these fishponds.

After listening to a brief history of the island from Aunty Kehaulani and Aunty Joanie, volunteers helped remove marine debris from the shoreline and invasive pickleweed from the existing fishpond. In addition, the Hawaii Water Environment Association (HWEA) presented Kai Makana with a $250 donation and a water quality monitoring kit for future school kids to use.

Special thanks to AECOM, Fukunaga & Associates, Inc, Kennedy/Jenks Consultants, Brown and Caldwell, HDR and Aqua Engineers for sponsoring this event. And also special thanks to our Community Service Committee, Audrey Haerle and Alicia Nakano for arranging this successful event with Kai Makana. §
YP Pre-Conference
By Hernan Co
Conference Committee—Young Professionals

This year’s 2017 Pacific Water Conference agenda brought about another fantastic lineup in the Young Professionals Pre-Conference. Under the planning and preparation of Jessica Agsalda and Hernan Co, the event was held on Tuesday, February 14 with approximately 20 attendees. Speakers this year included Chandra Namumnart, John Albert, Ray Matasci, Kyson Morikuni, Charles Jury, Max Solmssen and Elisa Speranza.

Topics discussed during this track included project management, career building and leadership, public outreach, permitting and lead’s implications on water systems.

Also included in the program was a panel discussion on the differences between working in the public and private sectors. Derek Mukai and Clifford Lum provided insight to working in small and large private engineering firms. Jennifer Nikaido and Thomas Ochwat from a State agency and County agency,

Panelists from Left to Right: Cliff Lum, Jennifer Nikaido, Thomas Ochwat, Derek Mukai
Coated for Life.

- A quality coating system, combined with appropriate cathodic protection, ensures the longest service life possible for buried metallic pipe.

- Corrosion shortens pipe service life but is also preventable using proven, cost-effective measures.

- Even non-metallic pipe materials will lose strength and corrode over time.

- Northwest Pipe Company offers steel pipe with a range of AWWA coatings to meet the demands of differing soil types and environmental conditions—making steel the ideal choice for mid to large-diameter water and wastewater applications.

**Northwest Pipe Company** is the largest manufacturer of engineered steel pipe systems for municipal water and wastewater applications in North America.

Jeff Curl
503-939-8700
jcurl@nwpipe.com

[www.nwpipe.com](http://www.nwpipe.com)
2017 AWWA Membership Summit
Denver, CO
By Jordan Oue
Membership Committee Member

You often hear the phrase “quality over quantity,” but imagine what you can achieve with a large quantity of quality. That’s what the Membership Summit in Denver, Colorado was all about. It was a gathering of intelligent, motivated, and diverse individuals who came together to keep the lifeblood of AWWA, its membership, growing. The 2017 AWWA Membership Summit primarily focused around two things – engaging the next generation and keeping members engaged. Note that the keyword is engage.

Times are changing. People are changing. As people change, so do their demands. As people and their demands change, so must organizations. If AWWA fails to change and adapt its marketing as an organization, it will fail to recruit the upcoming generation of professionals in the water industry. The keynote speaker was Sarah Sladek, CEO of XYZ University. She spoke on this very topic of engaging the next generation. Generation Y is a group of diverse, smart individuals looking to make a difference in the world. They gravitate towards organizations looking to make a difference and organizations that “put their money where their mouth is.”

The summit was a gathering of minds, offering Sections the opportunity to share with other Sections what worked best and what didn’t work when it came to engaging members. A brainstorming session produced a copious amount of new ideas to engage members, some of which the Section Membership Committee hopes to implement this coming year. Join us in our efforts in building the Hawaii Section of the future. Ask me how you can help!§
Hawaii State Science and Engineering Fair
By Mark Ohigashi
Student Education Committee Chair

I
n a continuing effort to promote STEM (Science, Technology, Engineering and Mathematics) education and programs in Hawaii’s schools, AWWA-Hawai‘i Section is calling for its members and its member-organizations to get involved with the 2017 Hawai‘i State Science and Engineering Fair (HSSEF), hosted by the Hawai‘i Academy of Science (HAS). This year, on behalf of the AWWA-Hawai‘i Section membership, the Board of Trustees is proud to sponsor the 2017 HSSEF with a $1,000 sponsorship and two (2) $250 AWWA-Hawai‘i Section agency awards.

HAS is a nonprofit organization that has been promoting scientific research and education in Hawai‘i for over 90 years and has been running the state’s oldest and largest science fair for almost 60 years. Each year, almost 6,000 bright and eager students from grades 6 through 12 submit display or research projects to their school and subsequent district fairs. These mind-blowing projects, which are beyond what most adults could have imagined presenting when they were in grade school, compete, and will be judged at this year’s 60th Annual HSSEF held at the Hawai‘i Convention Center on April 10-12, 2017. Winners of the HSSEF will be entered into the Intel International Science and Engineering Fair to be held in Los Angeles, California on May 14-19, 2017, a stage where Hawai‘i students traditionally perform very well. For more information about the HAS or the HSSEF, visit their website at: http://www.hawaiiacademyofscience.org.

AWWA-Hawai‘i Section is looking for volunteers that are willing to judge HSSEF project entries on behalf of AWWA-Hawai‘i Section and those that can fill non-judge positions, as well.

- AWWA-Hawai‘i Section Water Industry Agency Award Judge Volunteers:
  - Qualifications:
    - Must have at least 20 years of experience in the water industry including, but not limited to water-related field such as operations, engineering, science, quality, resources, rights/law, regulation, utilities, management and manufacturing
    - Must be a registered AWWA member
    - Must be available on Tuesday, April 11, 2017 for judging to choose two (2) awards
  - Registration: Qualified AWWA-Hawai‘i Section Water Industry Agency Award Judge Volunteers should contact Mark Ohigashi by e-mail at: mohigashi@brwncald.com.
  - Registration Deadline: Monday, April 3, 2017

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Non-Judge Volunteers:
- Registration: Register online directly with the Hawai‘i Academy of Science at: http://www.hawaiiacademyofscience.org/volunteers/, but please also let Mark Ohigashi know that you have volunteered by e-mail at: mohigashi@brwncald.com.
- Registration Deadline: As soon as possible because desired shifts may fill up quickly!
- Volunteer Positions:
  - **Monday, April 10, 2017**
    - Project Table and Poster Set-up: 8:30 - 11:30 am
    - Student Registration: 11:30 am - 2:00 pm  
      2:00 - 4:30 pm  
      Shift A  
      Shift B
    - Safety Checkers: 11:30 am - 2:00 pm  
      2:00 - 5:00 pm  
      Shift A  
      Shift B
  - **Tuesday, April 11, 2017**
    - Judge Registration: 6:30 - 9:00 am
    - Student Activity Escorts: 12:00 - 4:00 pm
  - **Wednesday, April 12, 2017**
    - School Registration: 8:00 am - 12:00 pm
    - Award Ceremony Ushers: 11:00 am - 2:30 pm
    - Wrap Crew: 1:30 - 3:30 pm

For any questions about volunteering for the 60th Annual Hawai‘i State Science and Engineering Fair, please contact Mark Ohigashi, AWWA-Hawai‘i Section Youth Education Committee Chair, by e-mail at: mohigashi@brwncald.com.
On Saturday, March 4, 2017, the American Water Works Association (AWWA) | Hawaii Water Environment Association (HWEA) Young Professionals (YPs) participated in a Honolulu Board of Water Supply (BWS) tour of the Nuuanu Reservoir #4. Arthur Aiu of BWS guided our tour group of fourteen attendees.

This educational tour gave us the opportunity to learn about Nuuanu watershed's history. Many of us remember the reservoir as a place for recreational fishing; however, the reservoir was originally intended to control runoff to Honolulu. We learned about the reforestation efforts that took place in Nuuanu Valley after the introduction of cattle and removal of sandalwood trees. We also viewed the old sand filters which were once used to filter drinking water from Lulumahu Stream.

As one of the largest earthen dams in the State, the reservoir continues to be maintained and closely monitored by BWS. We're grateful to have experienced this tour with knowledgeable caretakers of this area.

After the tour, the YPs took a short hike to nearby Lulumahu Falls.
YP Social
By Travis Ota
Young Professionals Social Committee

The first Young Professional’s Social event of the year took place after the 2017 Pacific Water Pre-Conference on Tuesday February 14 at Mexico Cantina. Ignoring all plans for Valentine’s Day, around 20 AWWA and HWEA Young Professionals enjoyed a night of food, fun and laughs. The event introduced a few new faces and filled the tables with platters of tacos, nachos and lots of guacamole.

Thank you to all who came out and participated in spending YP quality time together.

Keep an eye out for future social events or feel free to email me (TOTA1@HBWS.ORG) if you would like to suggest or attend any upcoming events. §

YP Summit in Tampa, FL
By Puna Kaneakua and Alicia Nakano

AWWA and WEF held the 2017 Young Professionals’ Summit in sunny Tampa, Florida on February 6-7, 2017. The two day conference covered a diverse program presented by leaders of AWWA and WEF ranging from emerging issues in our industry to professional development. The program focused on expanding attendees’ leadership skills and growing networks of YP leaders from other Member Associations. Exciting speakers created engaging dialogues to ask the tough questions, leading YPs to establish their role in water. The YP Summit left attendees with a refreshed perspective of our industry and well-equipped to lead the charge for change §
On Thursday, January 26, 2017, six members from the Young Professionals (YP) group attended a Behind the Scenes Tour at the Waikiki Aquarium. Aquarium personnel walked us through the process of where and how they pump ocean water for the tank displays and how they manipulate water temperature and oxygen levels to produce an acceptable environment for the animals. Another challenging task for aquarium personnel is managing the wastewater from the aquarium. Because the aquarium sits on the edge of Waikiki Beach’s Class AA marine waters, the wastewater from the display tanks must be handled without discharging into the ocean. The aquarium’s standing as one of the oldest aquariums in the nation allow them to run aquarium a little more uniquely than other more aquariums not constrained by space or special preservation areas.

The YPs were also able to see behind the tank displays and areas where the animal food is prepared. After the Behind the Scenes Tour, the YPs were able to walk through all the exhibits while Aquarium personnel told us stories about how certain exhibits came to be. This very informative tour allowed YPs a glance at what you don’t typically see or hear about when you visit our local Waikiki Aquarium.
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.

<table>
<thead>
<tr>
<th>Item Number</th>
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<th>Ad Size (wxh)</th>
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<td>3 ½” x 2 ¼”</td>
<td>$35 (business card)</td>
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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. (                    ) ___________________________

Email: ________________________________

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

AWWA Hawaii Section
PO Box 22614
Honolulu HI 96823-2614
ATTN: Audrey Yokota

STEP 4 – SUBMIT ADVERTISEMENT:

Advertisement shall be submitted to:

Susan Mukai
Phone: (808) 203-2667
Email: smukai@brwncaI.com
AWWA Library

2011 Annual Conference - Opening Genl 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
Computer Modeling of Water Distribution System M32*
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
Installation, Field Testing and Maintenance of Fire Hydrants M17*
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
Maintaining Water Quality in the Distribution System*
Modeling Water Quality in Distribution Systems, 2nd Edition
Natural and Engineered Solutions for Drinking Water Supplies
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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)
Public Affairs for Water Utilities
Pump Selection and Troubleshooting Field guide
Safety First: Night Work
Safety First: Water Main Repair DVD*
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
WSO: Water Transmission and Distribution*
Water Reuse for a Sustainable Future
We are AWWA
WSO: Distribution System

*New additions to the Section library
Committee Chairs 2016-2017

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Commission on Water Resource Management, DLNR
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**Bylaws/Standard Practice Manual**
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Email: jessica@tlgchawaii.com

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**Rich Hopkins**
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Phone: (808) 240-2160
Email: rich@htpinc.com

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**Fuller Award**
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**Public Outreach**
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**Research/Technology**
**Dr. Marek Kirs**
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**Small Water Systems**
**Joy Gannon**
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PO Box 631033
Lāna‘i City, Hi 96763-1033
Email: jgannon@pulamalanai.com

**Strategic Planning**
**Juanita Colon**
Kawela Plantation Homeowner’s Assoc.
P.O. Box 28, 243 Uluanui Road
Kaunakakai, Hawaii 96748
Phone: (808) 553-4223
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**UH Manoa Student Chapter Subcommittee**
(Vacant)

**Water for People**
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Hawaii Section Website

The Hawaii Section has created a new website: www.hiawwa.org

Please visit the website for the latest information about the Section.

Editor of this Issue:

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Newsletter Articles

AWWA members are welcome to submit articles for the Newsletter. Please contact the editor for information.

Submissions for the Spring Newsletter are due by Friday, May 12, 2017.

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.