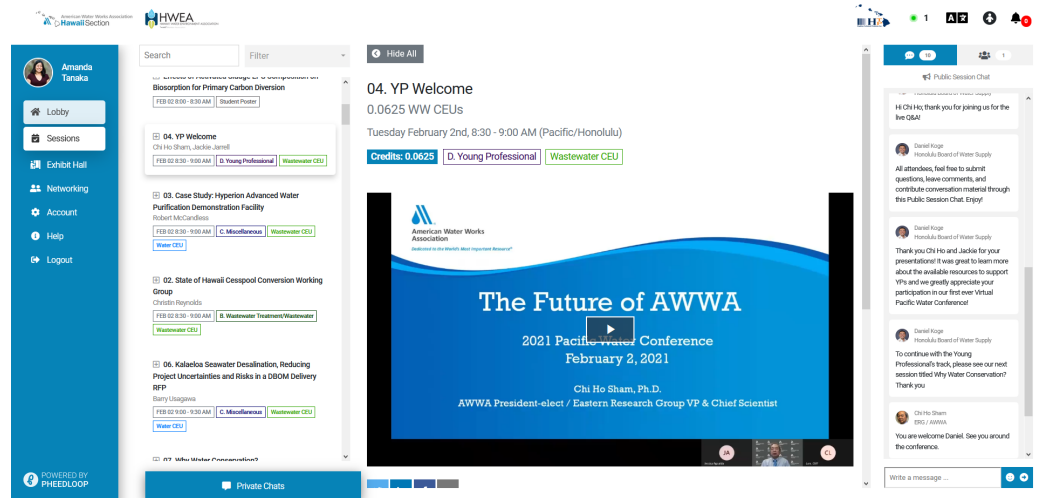


# 2021 Pacific Water Conference

By *Jessica Agsalda*  
At-Large Trustee, Annual Conference

**T**hank you to everyone who attended the 2021 virtual Pacific Water Conference! We had a great turnout with 550 registered attendees and 21 exhibitor booths. Although we would have liked to meet you all in person, we were very glad that everyone was willing to try out this brand-new online format.



*Our virtual platform, Pheedloop.*

Our decision to go virtual was a tough one because the PWC is well known for its in-person experience of networking with peers and meeting vendors. Although there was no in-person conference this year, we were glad that everyone was able to attend the virtual conference at their own convenience and according to their own schedule. We have received positive comments from attendees about being able to attend all the sessions rather than picking which ones to attend and which ones to miss.

Pacific Water Conference planning starts in June of the prior year with monthly meetings to plan out technical sessions and events. This year we had to start fresh and plan a virtual event for the first time. We could not have done it all without our amazing volunteers and event sponsors. Thank you all for making the conference a huge success!

During our Tuesday Opening Session, our guest speaker, **Brennon Morioka**, Dean, University of Hawaii, College of Engineering (COE), spoke of the changes they implemented this past year due to COVID-19 related closures and the future plans for the COE.

AWWA Hawaii Section also welcomed AWWA's President-Elect, **Chi Ho Sham**, to our virtual conference. We

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2021 Pacific Water Conference, continued from page 1

are disappointed that he couldn’t visit us in-person this year but were very grateful to have him participate virtually. Chi Ho provided two presentations during this conference, one presentation to YPs and a second presentation on AWWA updates and upcoming events.

The AWWA Fresh Ideas Poster Contest is an annual event at PWC and this year we had three awardees. The 1st place award was given to **Danielle Restelli** for her presentation titled, “Work4Water.” The 2nd place award was given to **Micah Tang** for his presentation titled, “Denitrifying Leachfields: Enhanced nitrogen removal of domestic wastewater in Hawaii.” And the 3rd place award was given to **Theodore Uekawa** for his presentation titled, “Effects of Activated Sludge EPS Composition on Biosorption for Primary Carbon Diversion.”

## STUDENT POSTER COMPETITION FINALISTS



**1<sup>st</sup> Place: Danielle Restelli**  
*Work4Water*



**2<sup>nd</sup> Place: Micah Tang**  
*Denitrifying Leachfields: Enhanced nitrogen removal of domestic wastewater in Hawaii*



**3<sup>rd</sup> Place: Theodore Uekawa**  
*Effects of Activated Sludge EPS Composition on Biosorption for Primary Carbon Diversion*

### *Student Poster Competition Winners*

In lieu of our annual in-person community service event, we shifted our efforts to raise funds in support for the international non-profit organization, Water For People. We’re happy to announce that our attendees contributed a total of \$1,450 in donations!

The AWWA Hawaii Section was proud to give out three student scholarships at conference. The scholarship recipients were **Taryn Kaneko**, **Julianne Lau**, and **Evan Yamamoto**. The section also awarded one Special Recognition Award to **Amanda Tanaka**.

The conference’s main events were concluded with a virtual Officer Installation Ceremony, live over Zoom, where the George Warren Fuller Award recipient was announced. The Fuller Award, presented annually by

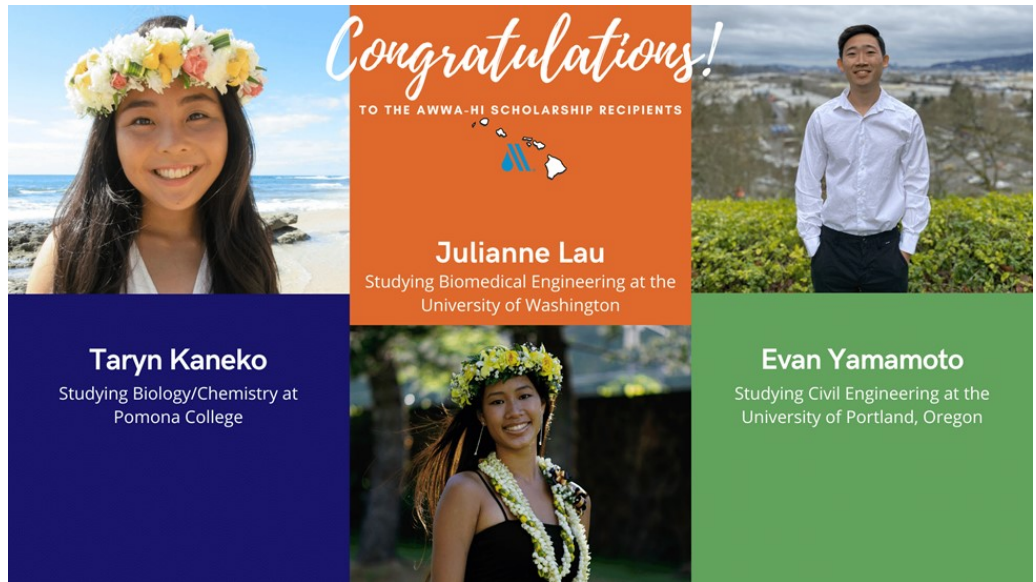
*continued on page 3*

AWWA to the sections' respective members for their distinguished service to the water supply field, was awarded to our very own AWWA-HI Chair, **Cliff Lum** of HDR. Congratulations to all our scholarship and award recipients!

Mahalo again to all our attendees, vendors, sponsors and volunteers! We hope to see you all again next year.

Save the date: 2022 Pacific

Water Conference will be held at the Hawaii Convention Center on February 1-3, 2022. §



*AWWA Hawaii Section Scholarship Winners*



*A few of the many attendees who participated in the End of Conference Social/Officer Installation Ceremony*





# Chair's Message

*By Clifford Lum  
Hawaii Section Chair*

**K**ung Hee Fat Choy! Happy Chinese New Year to all as we launch the Year of the Ox.

Signified by the hardworking and methodical Ox, 2021 will be a year in which we will be rewarded with economic recovery and a gradual return

to normal by grinding it out – consistently and routinely abiding by the established guidelines to reduce COVID-19 spread and keep everyone safe. Similar to people born under the Ox sign, our members can be counted on to tirelessly endeavor in their service to our communities and continuing to provide safe, affordable drinking water – essential to maintaining sanitary conditions.

The new year has brought new challenges and a positive “first” as the undaunted PWC Committee took on the challenge of putting on the first ever 100% virtual Pacific Water Conference and nailed it! More than 500 registrants had access to over 75 pre-recorded sessions with real time Q&A via chat. The program also included a virtual exhibit hall. Kudos to the entire Conference Committee and the many volunteers that make the PWC happen each year.

Training and technical/professional development opportunities have become more prevalent in Association events. AWWA and other professional organizations have been offering webinars on topics ranging from the final Lead Copper Rule and Water Stagnation in Buildings, to the recent celebration of Women in Engineering Day. Many of these are available for the gaudy price of \$FREE.99 so I implore you all to take advantage of your member benefits.

*continued on page 6*

## *Board of Trustees 2020-2021*

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### **Director**

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Hawaii Rural Water  
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Supply

## 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.

*continued on page 5*

continued from page 4

**At-Large Trustee**  
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Dept. of Water Supply,  
County of Hawai'i

# Director's Message

By *Juanita Reyher-Colon*  
*Hawaii Section Director*



**T**he 2021 Winter Board Meeting was held virtually on January 26; some of the highlights from the Winter Meeting and AWWA follows:

#### Member Engagement:

- 2020 Member Count = 49,484; 2021 goal is to return to above 50,000
- Enterprise membership model under evaluation

#### Organizational Stewardship:

- AWWA remains financially healthy
- Program review begins in 2021
- Key Section Leadership Training in Q3 2021

#### Knowledge Creation & Exchange

- Virtual everything: virtual summits, webinars, DC Fly-In, ACE21-hybrid
- Grant workshops continue
- Envoi will add content and be available to utilities and service providers

#### Water Policy and Leadership

- Strong focus on increasing the public's trust in their tap water

continued on page 6

## 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.

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*Chair's Message, continued from page 4*

Oahu and most of the State is at a turning point and on the cusp of moving to Tier 4 as I write this. As government and health officials plot the recovery plan, it is imperative that they follow the path of the Oxen and plod their way toward additional openings, larger gatherings and not rush the process. As a technical professional, it baffled me as to why the science was overlooked in lieu of political rhetoric. Hopefully the science continues to prevail. If there is a path to accelerate, it is the availability of vaccinations to greater portions of the work force and general public. Sincere "Mahalo!" to the myriad of first responders, healthcare providers and water industry essential workers who have made it possible to advance out of these pandemic limitations.

On behalf of the Hawaii Section, best wishes for a healthy, safe and fulfilling start to the Year of the Ox – by the way, it's my lunar year. Also the Los Angeles Dodgers are World Series Champions! Hoping we are all able to get together soon. Until then, "Be Water" and keep the water flowing! §

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*Director's Message, continued from page 5*

- LCR, PFAS and Cyber Security will be among the areas of concentration in 2021

AWWA Election Results:

- President-Elect: Joseph Jacangelo, PhD., Virginia Section
- Vice Presidents (4): Angela Ballard-Landers, Chesapeake Section; Randy Black, Pacific Northwest Section; Heather Collins, Cal/Nevada Section; Cheryl Porter, Michigan Section
- Director-at-Large: Ari Copeland, Missouri Section

Other:

- 2025 Strategic plan available at <https://www.awwa.org/About-Us/AWWA-Strategic-Plan>
- Section Services staff can provide Section staff with copies of the 2021 budget summary and Staff business plan

The next board meeting will be held in San Diego, CA, at ACE21.

I want to thank all those who attended the 2021 Virtual Pacific Water Conference on February 2-4. Congratulations to the hard-working conference committee members, for a successful conference. Congratulations to Chair **Cliff Lum** in receiving the 2021 AWWA Fuller Award, a deserved recognition indeed. Our 2021 Special Recognition Award recipient is **Amanda Tanaka**.

Happy New Year – Gung Hay Fat Choy!! §



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# 2021 Hawaii Section Fuller Award Recipient

*By Audrey Yokota  
Fuller Award Committee Chair*



*Cliff Lum*

The Hawaii Section is very pleased to announce **Cliff Lum** as the 2021 George Warren Fuller Award recipient. He was surprised with this award when it was presented to him at this year's (virtual) Pacific Water Conference. Congratulations, Cliff!

Fuller awards are presented annually by the American Water Works Association to selected section members for their distinguished service to the water supply field in commemoration of the sound engineering skill . . . the brilliant diplomatic talent . . . and the constructive leadership which characterized the life of George Warren Fuller.

Throughout his 35+ years in engineering, Cliff has taken on leadership roles in both public and private engineering sectors. He willingly shares his accumulated engineering knowledge & experience with up-and-coming young professionals. He has been, and continues to be, a very active and strong supporter of the AWWA Hawaii Section, as reflected in the following summary:

- 2021-2022 Past Chair
- 2020-2021 Chair
- 2019-2021 Vice Chair
- 2017-2019 Legislation/Regulation Committee Chair
- 2011-2014 At-Large Trustee – Annual Conference Committee
- 2013 Outstanding Section Member Award



*Cliff Lum receiving the Fuller Award at the virtual Pacific Water Conference*

In his role chairing the Annual Conference Committee, Cliff was one of the key Hawaii Section members providing active guidance to get the annual Pacific Water Conference off the ground. Successfully combining individual AWWA and HWEA annual conferences into this one annual event was certainly no small or easy feat! Even after seeing the Pacific Water Conference through it's initial "growing pains", he still continues to actively support this annual event.

Cliff's work experience includes serving as the Water Business Group Manager in the HDR Honolulu office; Manager - Strategic Services Group at SSFM International; Vice President and Business Lines Program Manager at URS Corporation; Manager & Chief Engineer of the Honolulu Board of Water Supply; and President and Principal-in-Charge at the Limtiaco Consulting Group.

Congratulations again to Cliff. This well-deserved award is presented to you with much aloha from the Hawaii Section! §

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# Student Scholarship Recipients

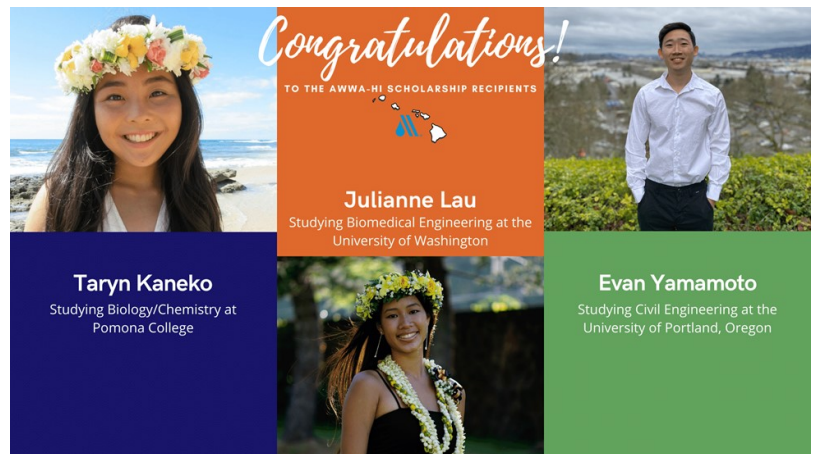
By Jeffrey Pearson  
Scholarship Committee Co-Chair



This year's scholarship winners are all top notch students. Each scholarship winner receives \$3,000 for his or her use to cover college costs. AWWA Hawaii normally selects only two scholarship recipients per year; however, with the quality of this year's students, the committee decided to award three scholarships. The winners of this year's scholarship presented by AWWA Hawaii Section are **Julianne Lau**, **Taryn Kaneko**, and **Evan Yamamoto**.

Julianne is daughter to **Ernie Lau** and **Dorene Lau**. Julianne attended Hawaii Baptist Academy with a cumulative GPA of 4.27. She has been attending University of Washington since the Fall of 2020. She intends to major in bio-engineering, on the pre-med track, and is hoping to do research on brain trauma. After her long collegiate journey, she hopes to return to Hawaii. Julianne is involved in the Women's Network, Hawaii Club, Bioengineering w/o Borders Club, UW Biomedical Engineering Society, and other clubs. She works at Long's pharmacy part time when in Hawaii.

Taryn is the daughter of **Ross Kaneko** and **Ada Kaneko**. She attended Punahou School with a cumulative GPA of 3.98. She started college last Fall at Pomona College, in Claremont California. Taryn is pursuing a degree in either molecular biology or chemistry. She wants to return to Hawaii to establish a career in medicine. She was drawn to the medical field due to some health issues she encountered growing up. She later wondered if the methodology behind her diagnosis was sound. Taryn sees collaboration in the medical industry and even with her soccer team as important. She plans to apply at UH John Burns School of Medicine, and maybe establishing a medical practice in Hawaii.



AWWA Hawaii Section Scholarship Winners

Evan is son to **Douglas Yamamoto** and **Terrie Yamamoto**. Evan is a senior at Portland University after transferring from Leeward Community College. His cumulative GPA through college is above 3.5. He is majoring in Civil Engineering and is set to graduate Spring of 2021. He is involved in ASCE and Hawaii Club. Evan is working on a senior design project for the City of Portland, to replace a water reuse system at a city wastewater treatment plant. In past years Evan has interned at DOT and Belt Collins. He plans to work this summer at Austin Tsutsumi and Associates while getting his experience to take the FE.

Congratulations, Julianne, Taryn, and Evan! §





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# Young Professionals Update

By *Daniel Koge*  
Young Professionals Committee

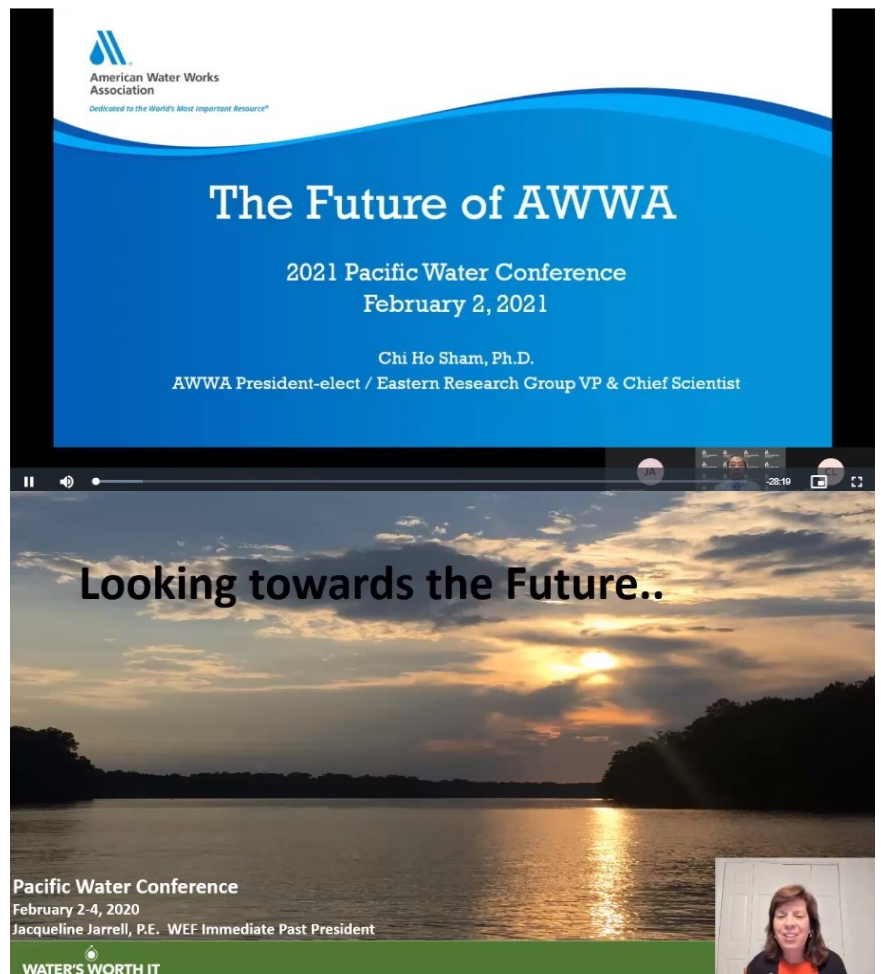


**A**loha! In whatever fashion you decided to ring in 2021, we hope you had a safe one and are as excited as we are to see what opportunities the New Year will bring!

Despite the continued social distancing restrictions, our YPs were itching to stay active and this year's virtual 2021 Pacific Water Conference (PWC) was the perfect opportunity to get involved. The inaugural virtual event, held live over three half-days from February 2nd to the 4th, was attended by over 550 professionals who were invited to attend pre-recorded and engaging sessions right from the comfort of their own home or office. With the theme "Go With the Flow", the PWC YP Track included a first-ever virtual tour of the renovated Honouliuli Water Reclamation Facility, entertaining pointers by Vice-Chair **Ken Kawahara** on establishing yourself as a YP, and the importance of networking by our AWWA Hawaii Section Chair **Cliff Lum**. We also had the honor to host AWWA President-Elect **Dr. Chi Ho Sham** and Immediate Past President of WEF **Jacqueline Jarrell**, both who had moving presentations on YPs importance to the future of water.

In support of the AWWA-HI and HWEA, several YP officers and chairs volunteered their time with various conference committees to make the PWC the huge success that it was. **Daniel Koge** and **Sean Shigenaga** planned the half-day YP track. YP's Vice-Chair **Jeff Onaga** was part of the Technical Program committee and helped with the abstracts and topic selection process:

The virtual Pacific Water Conference was a great opportunity to take a break from the everyday work routine to interact with others in our water and wastewater community. Although we were unable to attend the conference in person this year, the presentations were



*Presentations by Dr. Chi Ho Sham and Jacqueline Jarrell during the YP track at the Pacific Water Conference*

*continued on page 12*



enjoyable and the conference platform was easy to navigate and well organized. As a member of the conference committee, it was satisfying to see everyone's hard work paying off and I look forward to collaborating with this group again for a conference next year.

Our Community Service Chair **Brittany Obando** helped on the Publications committee by setting up and coordinating the sponsorship opportunities on the virtual platform:

We all had to go with the flow for the first ever virtual PWC this year. There were a lot of physical human interactions we all missed like traditional opportunities to network through lunches and breaks, talk story with old friends, the good ole' business card shuffle, and of course coffee and snacks. However, a pleasant and unexpected result of the virtual platform was the ability to make our interactions long-lasting. Using the conference's Chat and Networking features, we were able to directly communicate with exhibitors, attendees, and speakers and have an electronic paper trail to make it easier to follow-up and exchange contact information long after the exciting Conference Social closed out the event on February 4th. We hope next year's conference will be an in-person event, if appropriate, but in the meantime we still were able to host a great event from the comfort of everyone's home, office, or home-office!

**Kathryn Yoshimura**, our immediate Past Chair, helped to co-chair this year's successful Student Poster Contest that saw participation by several University of Hawaii at Manoa's College of Engineering graduate program students. Through her experience she had this to say about PWC:

After almost a year of virtual events, the young professionals slid into a virtual PWC with ease. As the (AWWA) Youth Education Committee Chair along with my HWEA counterpart (we) created an online experience for the Student Poster Contest. AWWA awarded the following students for their presentations: **Micah Tang**, **Theodore Uekawa**, and **Danielle Resetelli**. The judges enjoyed hearing from the students, and we all wish them the best in all their future endeavors.

YP Secretary **Camille Gozum** was able to attend her second PWC this year and had some great feedback as a conference participant:

The 2021 virtual Pacific Water Conference was accessible and convenient. My favorite feature is the chat box, where any one can ask any questions or post comments any time and without the pressure of speaking in front of an audience! The ease of being able to re-watch videos was beneficial to people with conflicting schedules during the conference as well.

On behalf of all those who attended PWC this year, we want to extend a big MAHALO to Conference Trustee **Jessica Agsalda** for a phenomenal job and to our YP volunteers that helped to make PWC possible! We hope you enjoyed the first every Virtual Pacific Water Conference this year, but if you missed it we'll be sure to catch you next year! If you or someone you know would like to get involved with PWC, please feel free to contact the 2022 Conference Chair **Carly Kaneko** for committee opportunities. Until then stay safe and remember to "Go With the Flow!" §



# SMALL SYSTEMS WORKSHOP: SETTING EFFECTIVE RATES FOR SMALL WATER SYSTEMS

- Date:** March 16 and 17, 2021
- Time:** 8:30 am—11:30 am HST
- Location:** Online via Go To Webinar (must be logged in using Google Chrome)
- Trainer:** **Kyla Jacobsen**, former Utility Director for the City of Elgin Water Department and AWWA Trustee for Distribution and Plant Operations Divisions
- Moderator:** **John Donahue**, past AWWA President and current CEO at North Park Public Water District in Rockford, Illinois
- RSVP:** Registration deadline is March 15, 2021. Click [HERE](#) to register on the AWWA site. After signing up on the AWWA site, make sure to enter your information on the Go To Webinar page link to finalize your registration and get the link to the workshop.

The AWWA is pleased to be collaborating with the U.S. Department of Agriculture (USDA) and the Partnership for Safe Water to hold a free workshop geared toward small water utility systems entitled “Setting Effective Rates for Small Water Systems.” The workshop will be presented online in two parts on March 16 and March 17, 2021 from 8:30 AM to 11:30 AM HST on each day.

Workshop participants will learn how to assess revenue requirements, identify the community’s financial priorities, and build rates that fit your situation and objectives. All participants receive dedicated, follow-up technical assistance and helpful documents from AWWA.

The trainer for both workshops will be Kyla Jacobsen, former Utility Director for the City of Elgin Water Department and Trustee for AWWA for Distribution and Plant Operations Divisions. The moderator will be John Donahue, past AWWA President and current CEO at North Park Public Water District in Rockford, Illinois.

#### Day 1:

- Introduction and Overview
- Assessing Your System—Your Revenue Requirements
- Your Community Priorities
- Building Rates that Fit Your Situation and Objectives

#### Day 2:

- Self-Assessment of Best Opportunity for Improvements
- USDA Loan Program for Small Communities
- Workshop Summary and Information Session

#### WORKSHOP FEE

Free (registration is required)

#### CONTINUING EDUCATION UNITS

The AWWA Hawaii Section has submitted a pending request to the Hawaii Drinking Water Operator Certification Board for 0.6 CEUs but it is unlikely that there will be CEUs granted for this workshop. An updated announcement will be sent out after the Board reviews the CEU request.

AMERICAN WATER WORKS ASSOCIATION HAWAII SECTION

PO BOX 22614 | Honolulu, HI 96823-2614 | [www.hiawwa.org](http://www.hiawwa.org) | [hiawwa@gmail.com](mailto:hiawwa@gmail.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 state-wide 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.

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## 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

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ATTN: Aiko Fajardo

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# 2020 Membership Tenure Awards

*AWWA honors significant membership tenure with the following awards, determined as of June 30 of each year. The recognition builds with years with the Association.*

*To be eligible, members must meet the qualifications for each award as detailed below:*

## Silver Water Drop Award

*25 cumulative years of membership*

Kurt Inaba  
Rudy Mina  
Alan Okamoto  
Ken Ota  
Roy Tsutsui  
Jeffrey Tyau  
Bert Yamamoto

## Life Member Status

*30 cumulative years of membership and at least 65 years of age*

Stephen Green  
Paul Kemp  
Barry Pollock

## Gold Water Drop Award

*50 cumulative years of membership*

No awardees for 2020

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**There When  
You Need It**  
**Drinking Water Week**  
**May 2-8, 2021**

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# New AWWA Hawaii Section Members

Please welcome the following new members that joined the Hawaii Section in the third and fourth quarters of 2020:

Elmer Agtarap  
Shannon Burke  
Gary Coover  
Makanaikaika Cortez  
David Dickey  
Ashley Endo  
Bing Hu  
Carly Kaneko  
Graham Knopp  
Carolyn Laborte  
Bessie Lee  
Herbert Moore  
Matthew Onellion  
Kelli Wedd  
Thomas Wong

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## AWWA Library

The library is maintained by the AWWA Hawaii Section for use by its members. If you are interested in viewing any of the following literature, please contact [hiawwa@gmail.com](mailto:hiawwa@gmail.com).

2011 Annual Conference - Opening Genl Session videos  
A Century of Safe Drinking Water  
Activated Carbon: Solutions for Improving Water Quality  
Aquifer Storage and Recovery (M63)\*  
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  
Basic Chemistry for Water & Wastewater Operators

Careers in Drinking Water  
Case Studies in Source Water Protection  
Computer Modeling of Water Distribution System (M32)  
Condition Assessment of Water Mains (M77)\*  
Desalination of Seawater (M61)\*  
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

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# AWWA Library

Distribution Valves: Selection, Installation, Field Testing, and Maintenance, 3rd Edition  
Drought Preparedness and Response, 2nd Edition (M60)\*  
Ductile-Iron Pipe and Fittings, 3rd Edition  
Field Guide to SDWA Regulations  
Flexible Membrane Covers and Linings for Potable Water Reservoirs, 3rd Edition (M25)\*  
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  
Math for Distribution System Operators  
Math for Water Treatment Operators: Practice Problems to Prepare for Water Treatment Operator Certification Exams  
Maintaining Water Quality in the Distribution System  
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, 4th Edition (M24)\*  
Practical Manual of Groundwater Microbiology, 2nd Edition  
Public Affairs for Water Utilities  
Pump Selection and Troubleshooting Field guide  
Risk and Resilience Management of Water and Wastewater Systems  
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 Conservation Programs -A Planning Manual, 2nd Edition  
Water Distribution Operator Training Handbook  
Water Infrastructure at a Turning Point: The Road to Sustainable Asset Management  
Water Main Disinfection and Dechlorination  
Water Operator Certification Exam Prep  
WSO: Water Transmission and Distribution  
Water Resource Alternatives: The Future of Sustainable Utility Practices (2 tapes)  
Water Reuse for a Sustainable Future  
Water Treatment Made Simple for Operators  
We are AWWA  
WSO: Distribution System

\*Recently added



# Committee Chairs 2020 - 2021

## **Awards**

**Mark Ohigashi**  
Brown and Caldwell

## **Bylaws/Standard Practice Manual**

**Ross Kaneko**  
CH2M Hill/Jacobs

## **Conference**

**Jessica Agsalda**  
The Limtiaco Consulting Group

## **Diversity/Young Professionals**

**Kathryn Yoshimura**  
Honolulu Board of Water Supply

## **Exhibits**

**Rich Hopkins**  
Hopkins Technical Products Inc.

## **Finance**

**Aiko Fajardo**  
Inclusion Consulting, LLC

## **Fuller Award**

**Audrey Yokota**  
Fukunaga and Associates, Inc.

## **Legislation/Regulation**

**Clifford Lum**  
HDR

## **Membership**

**Jordan Oue**  
Honolulu Board of Water Supply

## **Newsletter**

**Amanda Tanaka**  
Fukunaga and Associates, Inc.

## **Nominating/Scholarship**

**Jeffrey Pearson**  
County of Maui Department of Water Supply

## **Operators Training**

**Daniel Lee**  
Honolulu Board of Water Supply

## **Pacific Rim**

**Dean A. Nakano**  
Brown and Caldwell

## **Public Outreach**

**Aiko Fajardo**  
Inclusion Consulting, LLC

## **Research/Technology**

**Dr. Marek Kirs**  
WRRC, University of Hawai'i at Manoa

## **Scholarship**

**Jeffrey Pearson**  
County of Maui Department of Water Supply

## **Scholarship**

**Ken Ota**  
Pacific Pipe Company

## **Small Water Systems**

**Joy Gannon**  
Pulama Lanai

## **Strategic Planning**

**Clifford Lum**  
HDR, Inc.

## **UH Manoa Student Chapter Subcommittee**

*(Vacant)*

## **Water for People**

**Adrienne Fung**  
AECOM

## **Water Reuse**

**Lorna Heller**  
Honolulu Board of Water Supply

## **Website**

**Joanna Seto**  
Hawaii Department of Health, Environmental Management Division

## **Western Pacific Subsection**

**Aaron Sutton**  
GHD

## **Workshops/Safety**

**Susan Mukai**  
Brown and Caldwell

## **Workshops/Safety**

**Barry Pollock**  
Rural Community Assistance Corporation

## **Youth Education**

**Jessica Agsalda**  
The Limtiaco Consulting Group



## Upcoming Calendar of Events

**March 16-17, 2021**

Small Systems Workshop: Setting Effective Rates for Small Water Systems  
(Online)

**April 19-20, 2021**

AWWA Water Matters! Fly-In  
(Online)

**May 2-8, 2021**

Drinking Water Week

**May 18-19, 2021**

Small Systems Workshop: Cybersecurity and Accessing Funding  
(Online)

**June 13-16, 2021**

ACE 2021  
San Diego, CA and Online

## Hawaii Section Website and Email Address

The Hawaii Section website is [www.hiawwa.org](http://www.hiawwa.org)  
Please visit the website for the latest information about the Section.

The Hawaii Section email address is [hiawwa@gmail.com](mailto:hiawwa@gmail.com)  
Please include "Attention: [insert person's name or position/committee]" in the subject line.

## 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 14, 2021.**

## Membership Rates

**Individual Active: \$204**

**Operations/Admin: \$75**

**Student: \$20**

[Sign up here](#)

## 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.