

## SEE PAGE 2 FOR DETAILS ON ENGINEERS WEEK SPECIAL EVENTS

### 2023 HCES LIFETIME ACHIEVEMENT AWARD

**William H.Q. Bow, PE**

William "Bill" HQ Bow is a 1971 graduate of Kaimuki High School. He completed his BS in Civil Engineering from UH Manoa in 1976 and then began his career working as a consultant for Belt Collins & Associates from 1976 to 1981. He received his Professional Engineer's license in 1980. Bill worked for Gray, Hong & Associates and M&E Pacific during the 80's and Savio Development Co and SSFM Engineers in the 90's. Bill started Bow Engineering & Development, Inc. in 1997. With humble beginnings as a one-man shop in his Kaimuki home he grew the firm into a thriving civil design and environmental permitting business. Under Bill's leadership, the company successfully weathered through two recessions. During each recession, he retained all his staff, never having to lay off, furlough, or defer pay. Bill served as President from 1997 to 2019, and CEO from 2019 to 2021. He also co-founded Bow Construction Management Services and served as President from 2008 to 2014.



Bill has mentored many engineers – from mentoring the UH Manoa Civil Engineering Senior Design class (CEE 490) for 5 years to hiring UH Manoa Civil Engineering student interns to hiring new civil engineer graduates, to walking around the office, sitting with each of the engineers on the team and offering sage wisdom; he has truly contributed to the engineering profession in Hawaii.

In addition to starting his own company, Bill was incredibly active in the engineering community. He was President of the American Council

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### 2023 YOUNG ENGINEER OF THE YEAR

**Claire Fukuoka Tsuha, P.E.**

Claire Fukuoka Tsuha, P.E. is a Senior Project Manager at Austin, Tsutsumi & Associates, Inc. where she has worked for the past 11 years in the transportation department. Claire was born and raised on the island of Maui and graduated from H.P. Baldwin High School in Wailuku before earning a Bachelor of Science in Civil Engineering from the University of Portland in 2011 and a Master's in Business Administration from the University of Hawaii, Shidler School of Business in 2016. Claire obtained her Professional Engineer (PE) license in 2015.



As a transportation engineer, Claire enjoys projects that collaborate on master planned transportation systems and multimodal accessibility, most notably working on recent projects for the Ho'opili Master Plan development, City and County of Honolulu Keeaumoku Complete Streets plan, and traffic studies for Queen's Health Systems. Claire is also a member of her company's Health and Wellness, Marketing, and Olelo O ATA newsletter committees that foster a connected company culture.

Claire remains active in various professional and community organizations, currently and previously serving board positions with the American Society of Civil Engineers (ASCE) Hawaii Section Younger Member Forum (YMF), Institute of Transportation Engineers (ITE) Hawaii Section, Honolulu Japanese Junior Chamber of Commerce, U.S. Japan Council, and Blue Zones Project. Passionate about sustainability and

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### 2023 ENGINEER OF THE YEAR

**CATHY LEONG, PE**

Cathy Leong graduated with a B.S. in civil engineering from the University of Hawaii at Manoa then earned her M.S. in civil engineering from the University of California, Berkeley. She is currently the Director of the Transportation Group at Wilson Okamoto Corporation where she has spent the last 25 years working on an array of transportation projects, providing technical guidance and oversight, building a well-rounded, collaborative team, and mentoring younger engineers pursuing their own career pathways.



In addition, Cathy has made significant contributions to the profession through her involvement with the ITE organization. ITE is an international organization of transportation professionals with over 17,000 members who work to improve mobility and safety for all transportation system users and help build smart and livable communities. Since joining the organization in 1995, Cathy has served in leadership positions at all levels of the organization including Hawaii Section President, Western District Committee Chair, Western District President, and most recently Western District International Director on ITE's International Board of Direction (IBOD). Through her tenure as a Western District chair and officer, Cathy prioritized student and young professional initiatives including spearheading fundraising for student initiatives, advocating and expanding career guidance content at the District's Annual Meeting, and working with the District's Career Guidance Chair to develop and debut a new mentorship program for the ITE Western District in 2021.

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### 2023 HCES STUDENT ENGINEER OF THE YEAR

**TYLER MARUNO**

The 2023 HCES SEOY is Mr. Tyler Maruno! Well, with a perfect cumulative GPA of 4.00 and a major GPA of 4.00, Tyler is completing his BS in Mechanical Engineering this Spring 2023 semester ... along with a minor in Business and on track for a MS ME, through the BAM (Bachelor's and Master's) accelerated degree program, in Spring 2024. Hmmm. So, that's a 4.00/4.00 in engineering for all four years at UH Manoa?! Pretty impressive!!! By the way, he has been a UH Regent's Scholar for the past four years and has made the Dean's List every semester that he has been enrolled at UHM – an obvious deduction!



Well, Tyler is a proud alum of Ma'ema'e Elementary School, Stevenson Middle School, and 'Iolani School, where he was on the varsity basketball and track & field teams. Guess more than just brains...

Tyler currently serves as the Vice President of Pi Tau Sigma (PTS), the national mechanical engineering honor society; the Historian for the Society of Automotive Engineers (SAE); and a member in the American Society of Mechanical Engineers (ASME).

Tyler has been working as an engineering and a management intern at the FV Coluccio Construction Company for the past two years and working as a research assistant in the Hawaii Corrosion Laboratory, supervised by Dr. Lloyd Hihara, for the past year. This corrosion research assistantship is towards his MS ME thesis in the "Corrosion Behavior of a Proprietary Ballistic Steel for Widespread Use in National Defense Applications."

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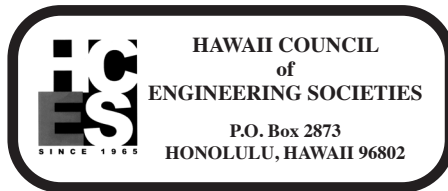
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**WILIKI MAILING LIST**

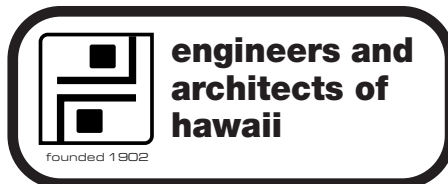
Additions and/or corrections to the Wiliki mailing list should indicate the proper society, institution or association. Corrections to email addresses should be submitted to your society coordinator.



HOME PAGE: [hceshawaii.org](http://hceshawaii.org)  
EMAIL: [hcesorg@gmail.com](mailto:hcesorg@gmail.com)

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An association for Hawaii's Engineers and Architects  
WEB address: [www.eahawaii.org](http://www.eahawaii.org)

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**SCHEDULE OF HAWAII ENGINEERS WEEK VIRTUAL EVENTS**

Engineers Week is being observed February 19-25, 2023, the week of President Washington's birthday.

**EWEEK KICK-OFF EXHIBIT**

Monday, February 20, 10am to 2 pm. Public outreach event at Windward Mall Center Court. HCES welcomes you to help showcase science, engineering, math and technology by hosting an informational table. Professional societies, government agencies and engineering-related companies are encouraged to reserve a table. Contact Kristen Yoshida ([kristenhau@gmail.com](mailto:kristenhau@gmail.com)) by 2/15/23 for more information and to reserve a table.

**EWEEK KICK-OFF LUNCHEON EVENT**

Tuesday, February 21, 12 noon to 1:00 pm. Sponsored by the Society of Military Engineers and the Hawaii Council of Engineering Societies.

Speakers: Capt Stephen Padhi, OICC Pearl Harbor Naval Shipyard; Joanna T.S. Victorino, Shipyard Infrastructure Optimization Program (SIOP) Dept. Director, Pearl Harbor Naval Shipyard, Naval Facilities Engineering Systems Command. Presentation: Shipyard Infrastructure Optimization Program. To register: <https://tinyurl.com/HCESKickoff23>.

**ENGINEERING CAREER EXPO**

UH College of Engineering Spring 2023 Career Expo Main virtual edition: Tuesday, February 21, 2023 9:00am - 12:00pm, online

Campus mini expos: Wed-Fri, February 22-24, 2023 10:00am to 12:00 pm, at UH's Holmes Hall

To register: <https://www.eng.hawaii.edu/allevents/>  
Contact: Kimberly Perez Hults; [hults@hawaii.edu](mailto:hults@hawaii.edu)

**AWARDS BANQUET EVENT**

Saturday, February 25, 5:00 to 9:00 pm, Koolau Ballroom.

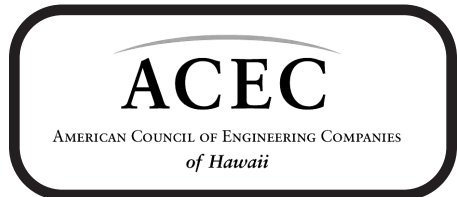
Sponsored by the Hawaii Council of Engineering Societies.

Annual Awards Banquet recognizing outstanding accomplishments, contributions, and achievements of individuals in the different specialized fields of engineering. This years recipients are:

2023 Engineer of the Year, Cathy Leong, PE  
2023 Young Engineer of the Year, Claire Fukuoka Tsuha, PE

2023 Student Engineer of the Year, Tyler Maruno  
2023 Life Time Achievement Award, William H.Q. Bow, PE

Speaker: Sam Gillie. Topic: History of Hawaii Council of Engineering Societies. To register: <https://tinyurl.com/HCESAwards2023>.



**ACEC Hawaii**

Website: [www.acechawaii.org](http://www.acechawaii.org)

**2022-2023 Board of Directors**

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A Special General Membership Breakfast Meeting on "ACEC Membership: An Investment in Your Firm's Success" featuring Melvin Williams, ACEC Vice-Chair, will be held at The Pacific Club on Monday February 6, at 7:30 a.m. - 9:00 a.m. ACEC Vice Chair Melvin Williams will discuss the value of membership and what ACEC does for you in these areas: Legislative and Legal Action to Expand Business Opportunities; Tax, Regulatory, and Liability Reform; Federal and State Level Support and Advocacy;

Education & Resources to Revolutionize Your Business; Information and Tools to Win Work and Increase Profitability; Business Roundtables and Networking Opportunities; Group Rates and Savings on Business Services; Life/Health Trust

Business Insurance Trust; Retirement Trust; Discounts on office supplies, car rentals, fleet logistics, and more. For more information and to register, please visit [acechawaii.org](http://acechawaii.org).

**SAVE THE DATE – ACECH SYMPOSIUM ON MAY 16**

ACECH is pleased to announce the return of the Joint State-City-Counties Symposium on May 16, 2023. The event will be held at the Japanese Cultural Center of Hawaii and will include a full agenda of workshop sessions designed to equip our engineering community with knowledge and information necessary to successfully partner with State, City and County agencies today and into the future.

More details on the symposium will be forthcoming. For the latest updates, please visit [acechawaii.org](http://acechawaii.org).

**eah February 2023 Wiliki Meeting Notice:**

eah meetings are held in Room 301 of the Topa Building Fort Street Tower and on Zoom - Noon to 1PM

**Friday February 3rd**

**Speaker: Hans K Van Tilburg PhD**

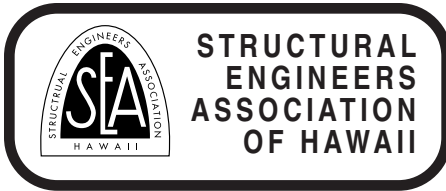
Maritime Heritage Coordinator Pacific Islands Region NOAA Office of National Marine Sanctuaries

**Topic: "The Strange History of Diving – It's Unnatural!"**

Once again EAH is lucky to have marine archaeologist and underwater explorer Hans Van Tilburg bringing to us the exciting and challenging world of seafaring. On this

occasion we will hear the history of diving, from the Pearl Fishers of Georges Bizet to the brave and courageous men and women of today who go down to the deepest bowels of the golden goddess the sea.

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PO BOX 3348, HONOLULU, HI 96801  
Web Page URL <http://www.seaoh.org>

### 2023 BOARD OF DIRECTORS OFFICERS AND DIRECTORS

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[mgreer@wje.com](mailto:mgreer@wje.com)

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Past President Craig Meierhoffer  
[cmeierhoffer@baseengr.com](mailto:cmeierhoffer@baseengr.com)

### Previous BOD Meeting

January 4, 2023

### Upcoming Events

For all events see [seaoh.org](http://seaoh.org). Look for email flyers for registration of upcoming events.

- SEA OH YMG New Year Mixer – February 15, 2023 at 5:30 PM, WJE Office, 745 Fort Street, Suite 2200.
- Engineers Week – February 25, 2023, Windward Mall. SEA OH will set up its interactive shake table. Please come by the event and witness how ground motions caused by earthquakes can affect structures.

### Membership

The following membership applications have been approved:

- Paul Alicar, Nagamine Okawa Engineers, Inc., Associate Member
- Eric Borchers, KAI Hawaii, Associate Member
- Janet Chan, Nagamine Okawa Engineers, Inc., Associate Member
- Michael Fragleasso, Hilti North America, Associate Member
- Ruimao Yuan, Nagamine Okawa Engineers, Inc., Associate Member

The following new membership applications were received:

- Daniel Lee, County of Hawaii, Dept. of Public Works, MEMBER
- Jeremy Markowski, KAI Hawaii, Associate Member

Please contact any SEA OH Board Member by February 28, 2023 to file comments regarding the new applicants.

### HCES Committee

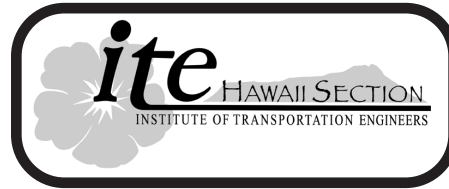
Engineers Week is scheduled for February 19 through February 25, 2023. See HCES website for schedule of events.

### SEA OH Young Member Group

The SEA OH Young Member Group will be holding a mixer event on February 15, 2023 at 5:30 PM at the Wiss, Janney, Elstner Associates, Inc. office located at 745 Fort Street, Suite 2200. Please join SEA OH YMG

for a fun relaxed evening of complementary food, drinks, and the opportunity to meet fellow YMG members. If you have any questions or need any additional information, please contact Justin Matoi at [seaoh.ymg@gmail.com](mailto:seaoh.ymg@gmail.com).

**Next Meeting** on Wednesday, February 8, 2023. For information, contact SEA OH President Mike Greer at [mgreer@wje.com](mailto:mgreer@wje.com).



### 2021-2022 Officers:

President: Jasmine Teramae-Kaehuaea  
[jkaehuaea@atahawaii.com](mailto:jkaehuaea@atahawaii.com)

Vice Pres.: Keoni Wasano  
[keoni@goldwings-supply.com](mailto:keoni@goldwings-supply.com)

Sec/Treas: Mike Motoki  
C&C of Honolulu, DTS

### ITE February 2023

In January, the ITE Hawaii Section held a virtual speaker meeting on Wednesday, January 25, 2023. We heard from Randy McCourt, a now retired traffic engineer in Oregon, but presently is active in several areas of the National Committee on Uniform Traffic Control Devices. He led the task force activity to update ITE's "Guide for Vertical Deflection Speed Reduction Techniques - Planning and Design of Speed Humps, Speed Tables and Other Related Measures: A Recommended Practice". Randy's presentation provided an overview and key highlights of this guide.

We would like to recognize and congratulate our ITE member Cathy Leong for being selected as the 2023 Hawaii Society of Professional Engineers (HSPE) Engineer of the Year. Cathy has worn a lot of hats within ITE but is currently known as Past ITE International Director, current Western district LAC chair, and current Hawaii Section Administrator. Thank you Cathy for all your hard work and continuing to go above and beyond for the chapter.

Congratulations to our ITE Student Chapter as well for being selected for the 2023 Western ITE Data Collection Project, which will focus on trip generation and parking demand for unique land uses including consideration of comparing past surveyed sites (pre-pandemic) to current (post-pandemic) counts. We look forward to seeing what the student chapter does for this project and can't wait to see the final product.

The 2023 ITE HI Section Officers were sworn in during a special December meeting with ITE Western District International Co-Director Mark Spencer.

President: Keoni Wasano  
Goldwings Supply Service, Inc.

Vice Pres.: Mike Motoki  
NAVFAC

Sec-Treas: Michelle Agustin Lindsey  
Wilson Okamoto Corporation

Director: Jasmine Teramae-Kaehuaea  
Austin Tsutsumi & Associates

If you would like to be added to the ITE mailing list, please email Michelle Agustin Lindsey at [magustin@wilsonokamoto.com](mailto:magustin@wilsonokamoto.com).



## The Society of American Military Engineers, Honolulu Post and

## The Hawaii Council of Engineering Societies

*cordially invite you to join us for the*

## 2023 ENGINEERS WEEK "KICK-OFF" LUNCHEON

### Guest Speakers:

**Joanna Victorino** and **CAPT Stephen Padhi**  
Director, SIOP Department, PHNSY and OICC PHNSY

### Presentation:

## Shipyards Infrastructure Optimization Program (SIOP)

**Hale Koa Hotel, Waikiki Ballroom**  
**11:30 AM, Tuesday, February 21, 2023**

**Naupaka Buffet Luncheon Cost**  
**\$75 (SAME Members and Non-Members)**  
**\$60 (Active Military Personnel or Government Civilians)**

**PLEASE RSVP NLT: Wednesday, February 15, 2023**

### Payment Method:

Please visit the SAME Honolulu website to register with a credit card or PayPal.

[REGISTER NOW](#)

### Questions:

Please contact Nick Wood with any questions or concerns.  
[Nick.Wood@arcadis.com](mailto:Nick.Wood@arcadis.com), 808.522.0342 (o), 602.377.7188 (m)



### 2022-2023 ASCE Hawaii Section Officers

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email: sdoo@ascehawaii.org  
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Past Pres.: Clifford Lum, P.E.  
email: clum@ascehawaii.org  
YMF Pres.: Brandon Uejo, P.E.  
email: president.ascehawaiiyfm@gmail.com

### EXECUTIVE COMMITTEE MEETING

Last held: January 10, 2023

Next meeting: January 31, 2023

### ASCE HAWAII SECTION DINNER MEETING

We will keep you informed via e-blasts and/or notices posted on our website at ascehawaii.org with the meeting information and schedule.

Cost: (RSVP via Eventbrite)

### ASCE's COVID-19 RESOURCES PAGE

<https://collaborate.asce.org/covid-19/home>

Reminder that ASCE has launched a COVID-19 resources page with online tools and tips in one convenient place. The page includes links to free programs, training, and resources, the results of COVID-19 industry impact surveys, and relevant online discussions with fellow members. The page also offers several ways to work more effectively while at home and activities to take advantage of in the down time you may have – even fun things to do with the keiki! And don't forget that all members have 10 free PDHs! Now may be a good time to catch up on some of those technical on-demand webinars.

### COMMITTEE POSITIONS

ASCE Hawaii is looking for volunteers for various committee positions, including Advocacy Captain, Report Card Committee Members, and Water Resources Chairperson. If you are interested or have questions on any of these positions, please contact President Reyn Hashiro, [rhashiro@ascehawaii.org](mailto:rhashiro@ascehawaii.org).

### MEMBERSHIP

If you haven't already done so, please renew your ASCE membership, which includes 10 free PDHs. You can renew your membership at [www.asce.org](http://www.asce.org).

### ASCE HAWAII SECTION STUDENT SCHOLARSHIPS

Please help us increase our scholarship endowment so that we can recognize deserving students. We continue to accept tax-deductible donations with the goal of increasing the annual scholarships. Make your check payable to 'ASCE Hawaii Section' and include the note 'Walter Lum Scholarship Fund' and mail to: ASCE Hawaii Section, P.O. Box 917, Honolulu, HI 96808-0917. If you have any questions, please contact Steven Doo at [sdoo@ascehawaii.org](mailto:sdoo@ascehawaii.org).

### ASCE GOLF TOURNAMENT

Save the date for this year's tournament, currently planned to be on Friday, August 4, 2023.

### ASCE JOB LISTINGS

The following job listings are currently posted on the ASCE Hawaii Section website:

- **Bowers & Kubota** (Civil Designer I, Civil Designer II, Civil Designer III, Civil Engineer)

For further information, please visit

<http://www.ascehawaii.org/job-listings.html>



### 2022-2023 YMF Officers

Brandon Uejo, President  
[president.ascehawaiiyfm@gmail.com](mailto:president.ascehawaiiyfm@gmail.com)  
Lance Lam, Vice President  
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Rebecca Pitts, Treasurer  
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John Kim, Secretary  
[secretary.ascehawaiiyfm@gmail.com](mailto:secretary.ascehawaiiyfm@gmail.com)  
Claire Fukuoka, Past President  
[pastpresident.ascehawaiiyfm@gmail.com](mailto:pastpresident.ascehawaiiyfm@gmail.com)

### YMF General Meeting

The next YMF general meetings will be in-person on Wednesday, March 1, 2023, at 6:00 PM, and Wednesday, April 5, 2023, at 6:00 PM. Please check our website, social media channels, or weekly eblast for the latest information on our upcoming general meetings and events. If you are interested in attending and learning more about the various professional, social, and service opportunities available through YMF, please contact YMF at [ymf.hawaii@gmail.com](mailto:ymf.hawaii@gmail.com).

### Girl Scouts STEM Fest

By Kristin Hamaguchi, Daniel Koge, and Nick Kam, Outreach Chairs

On December 16, 2022, four YMF volunteers attended the Girl Scout's annual Gingerbread House Build Event. We were happy to return to an in-person event this year and be able to see the gingerbread house building in action! Volunteers helped to provide structural assistance in building the gingerbread houses and helped to build the shake tables used to check the stability of the structures. Thanks to the Girl Scouts for allowing us to participate in this event!



### ASCE YMF Job Shadow Program

The Job Shadow Program is looking for students and industry professionals interested in becoming a mentee/mentor. Your interest and participation in this program will provide a valuable experience that will help guide students toward a successful path beyond

graduation! If you have any questions and/or want to sign up\*, please email the Job Shadow Program directly at [ymfhawaii.jobshadow@gmail.com](mailto:ymfhawaii.jobshadow@gmail.com)

\*Note: Information collected will help the Job Shadow Program pair mentor(s) and mentee(s) up based on their experience and interest.

### 2023 PE Exam Update

The PE Exam is now computer-based, with appointments available year-round at Pearson VUE test centers. Information about how to register for the exam and purchase study materials can be found on the YMF website:

<https://ascehawaiiyfm.org/pe-exam-information>

### Online PE Refresher Course

The Hawaii YMF has partnered with Pathceed, an online PE Exam refresher course that covers the breadth portion of the civil engineering exam. This course features 12-hours of on-demand course materials that may be accessed for a 6-month period and a one-time free access should you not pass the exam. Curious, but want a sample of the course? You can check out a free 1-hour lesson before committing to the program! The course cost is \$289, and we offer ASCE Hawaii YMF members a \$40 discount when registering. If you are interested in signing up for this course, please contact us at [ymf808.pecourse@gmail.com](mailto:ymf808.pecourse@gmail.com) for more information.



### Hawaii Section 2022-2023 OFFICERS

[www.aacehawaii.com](http://www.aacehawaii.com)

President	Christopher Baze
Vice Pres.	Mario Flores
Secretary	Vinson Hiraoka, CCP, AIA
Treasurer	Jeanette Roberts
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Past Pres.	Will Sparks, PSP

As a member of the Board of the Council of Engineering and Scientific Specialty Boards (CESB), AAACE International offers a range of certification levels from technician to professional to expertise level including CCT, CCP, CEP, EVP and PSP Certification Programs.

The local section, AAACE Hawaii, was originally established in 1973. It achieved both the Platinum and Gold Award for nine consecutive years 2014-2022. Our local area continues to achieve CCP, CEP, CST and PSP certifications. For more information, please visit <http://web.aacei.org/certification> and our local website [www.aacehawaii.com](http://www.aacehawaii.com).

### EAH, from Page 2

Friday February 17th

**Speaker: Bob Sigall Eminent Speaker, Historian and Man For All Seasons**

**Topic: "The World As Seen From The Rearview Mirror"**

Our speaker, Bob Sigall has spoken to us often times before, always with engaging, entertaining and humorous presentations. Today he will again share with us the wisdom he has gained looking back at what the moving finger has written.

Contact [eaHawaii@gmail.com](mailto:eaHawaii@gmail.com) for Zoom links and meeting details

**HCES Lifetime Achievement Award, from Page 1**

of Engineering Companies of Hawaii (ACECH), American Society of Civil Engineers – Hawaii Section (ASCE), and University of Hawaii Engineering Alumni Association (UHEAA). On top of all that, Bill was a leader in the community too. He was Chair of the State of Hawaii Disability Communications Access Board (DCAB) Board, Director of the UH Alumni Association, President of the Pearl Harbor Rotary Club, and sat on several Boards of Directors in the community.

Some of the major projects completed by Bow Engineering and Development under Bill's direction are as follows:

**Hokuala Resort Master Planning, Lihue, Kauai.** When fully developed, Hokuala will include 772 resort residential units and commercial facilities (restaurants, retail centers). Contracted to evaluate effects of proposed development on the existing drainage, water, irrigation, and sewer infrastructure. BEDI provided civil construction plans for various resort developments: Lot 8 Hotel, Residences at Ninini Point, Hokuala Golf Clubhouse, Kapule Highway Intersection, Pahola Drive, and the golf course improvements. Bill developed a water and sewer master plan with construction phasing for the proposed developments. Bill also conducted a dam study of existing lagoon to analyze spillway locations; studied alternative discharge locations including detention ponds and new drainlines.

**Koa'e Makana Workforce Housing, Poipu, Kauai.** 134 dwelling units throughout 23 two-story buildings. This affordable housing project is located near Waikomo stream and portions of site were located within flood plain. Design incorporated the concept of "Complete Streets".

**Manele Small Boat Harbor Ferry and ADA Improvements, Manele, Lanai.** Construction of new comfort station and rehabilitation of existing comfort station to comply with ADA standards. New administration office, new utility lines (water, sewer, drainage, electrical, telecommunication), new parking areas and roadways, new passenger ferry shelter, and secured recreational boat parking.

**Waimea Huakai and Habitat for Humanity Affordable Housing, Waimea, Kauai.** Joint-venture affordable housing project involving 36 multi-family units (AHE Group) and 32 single-family homes (Habitat for Humanity). Project site was mass graded and designed to have

a combined drainage system with a shared roadway.

**Rice Camp Senior Housing, Lihue, Kauai.** Development of a senior housing community from two vacant lots bisected by a public roadway. A two-phase project: requiring design coordination to tie each phase together in regards to drainage systems and parking connections; water and sewer connections to County systems; offsite drainage analysis for roadway swales, drain inlets, and sidewalk culverts; existing burial sites that needed to be preserved were considered in the design of the development.

Bill Bow recently retired and turned the company over to his children Sarah and William. He has many accomplishments and has made important contributions to the engineering profession in Hawaii and is the deserving recipient of the 2023 HCES Lifetime Achievement Award.

**Engineer of the Year, from Page 1**

term as an International Director she assisted with the development of ITE International's 2021-2023 Strategic Plan and establishment of a new Equity Committee. Cathy served as the inaugural Co-Chair of the Equity Committee after her IBOD term and under her guidance, the committee has produced informational briefs to educate members about equity, published a Foundational Equity Glossary, and continues to work on the development of the ITE's Equity Action Plan. In addition to her work on the international level, Cathy continues to serve on the regional level as the Chair of the ITE Western District's LAC Committee that oversees the planning of the Western District Annual Meeting which serves over 3,500 members of the Western District from Hawaii, Alaska, Oregon, Washington, and California. Finally, Cathy also continues to serve at the local level as the ITE Hawaii Section Administrator, providing guidance and innovative events for the local Section, as well as mentoring for the ITE Student Chapter at the University of Hawaii at Manoa. For her contributions to ITE and the transportation community, Cathy was awarded the HSPE Young Engineer of the Year award (2007), ITE Western District Young Professional Achievement Award (2008), ITE Western District Individual Achievement Award (2012), and ITE Western District Mentor Award (2020).

Beyond her leadership roles within the transportation community, Cathy has been an active member of Soroptimist International

of Honolulu (SIH) also serving as their Co-Secretary since 2021. Soroptimist International is an organization with over 75,000 members in 122 countries that provides women and girls with access to the education and training they need to achieve economic empowerment. Through her involvement with SIH, Cathy has been able to combine her passion for mentoring students with the organization's community outreach efforts. She has served as a speaker for middle and high school students promoting STEM and engineering, and sharing her experiences as a woman in the engineering profession.

**HCES Student Engineer Of The Year, from Page 1**

Currently, he leads the Rainbow Warrior Racing Team, an electric formula racer development, as the project manager of a diverse group of 13 senior engineers and over 20 engineering and management volunteers. He is preparing this team to compete in the upcoming eFormula competition in the summer of 2023. He is also captaining an intermural basketball team on campus.

Tyler has been awarded many awards and accolades from the State of Hawaii, our UHM College of Engineering, Broadcom Masters, Engineers and Architects of Hawaii, and the Society of American Military Engineers (SAME) to name a few. He has also been giving back to the University of Hawaii and the College of Engineering as a university tour guide and admissions representative at the UHM Admissions Office by leading campus tours, advising prospective students and parents, and giving talks at various recruiting receptions.

This humble, dedicated, disciplined, and competent student and, now a 'soon-to-be' mechanical engineer, is the 'perfect' graduating engineer student necessary to promote and inspire engineering to the youth of Hawaii!!!

**Young Engineer of the Year, from Page 1**

empowering the next generation, Claire also volunteers time in youth outreach efforts, particularly through non-engineering organizations where her technical expertise provides a unique value.

Claire has also been recognized as a Pacific Business News 40 Under 40 Honoree in 2020 and selected for the YWCA Patsy T. Mink Leadership Alliance: Cohort 5, a ten-month women's leadership program.

**Professional Directory**

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