

## THE STATE OF THE COLLEGE OF ENGINEERING

On August 22, 2022, the College welcomed back over 1,400 students to campus for the start of the fall semester. The new incoming student class was one of the largest in recent years, defying trends nationwide and producing an uptick in overall enrollment. In-person classes, labs, and events are back in full force and Holmes Hall is abuzz with activity and excitement for what promises to be a full and productive new school year.

### SAVE THE DATE!

Join the College for the following events in fall 2022. You may learn more about these and other events by visiting [eng.hawaii.edu/allevnts/](http://eng.hawaii.edu/allevnts/).

**Leadership Seminar Series, presented by the Hayashida Family** – join us for these 1-hour virtual conversations with inspirational local leaders, from 11:00-12:00 each month. September 30: Meli James; October 7: Dawn Lippert; November 4: Richard Sullivan; December 2: Su Shin.

**Engineering Career Expo** – in person! Friday, September 16 from 1:00-4:00pm at Campus Center. Students and alumni may register to participate through the above event website.

**College of Engineering Talk Story Sessions** – for prospective students and their families, on Wednesday, September 28 at 7:00pm and Sunday, October 2 at 9:00am on Zoom.

**Fall Convocation** – Friday, December 16 at 5:30pm. More details to come.

Read on for highlights from the college for the 2021-2022 academic year.

### FACULTY & STAFF

*New faculty* – with the State's previous restrictions on hiring now lifted, the college was able to recruit some much-needed and outstanding new faculty members, including **Amin Rafiei** (CEE), **Zhiyue (Phillip) Wang** (CEE/WRRC), and **Paul Schmitt** (ECE). Additional new faculty members **Igor Molybog** (ECE) and **Chrisy Xiyu Du** (ME) will come aboard in the spring.

*August 2021:*

**June Zhang** and **Zhuoyuan Song** joined on with the new AI Institute for Dynamic Systems, supported by nine academic institutions across the nation, helping to put UH at the cutting edge of artificial intelligence (AI).

*October 2021:*

**William Uspal** discovered a new method to make microscopic particles move on their own through chemical reactions, which may have

major impacts in various industries including the healthcare field, and his research was published in the Journal of Fluid Mechanics.

**Oceana Francis** embarked on a groundbreaking research project, supported by a nearly \$800,000 NSF grant, to study the Arctic's thinning ice. Her approach will consist of designing a mathematical model that will better predict interactions with maritime vessels.

**June Zhang** was featured in Hawaii Business Magazine's article, "How Nine Women Broke Through Tech's Glass Ceiling."

*May 2022:*

Under the guidance of **Tyler Ray**, 10 upper-level mechanical engineering students spent the spring 2022 semester developing a system based upon 3D printing to produce custom chocolate molds for the chocolate shop Choco le'a.

**Song Choi** presented at the Materials Research Society Spring Meeting and Exhibit at the Hawai'i Convention Center, highlighting the materials research happening across departments within the College and the ideal conditions present in Hawaii to conduct such research.

*June 2022:*

**Hyongsu Park** began collaborations with university partners in Louisiana and Oregon on a 4-year NSF grant worth over \$350,000 to study the impact of debris to damage caused by waves during Tsunamis.

**John Allen** was a part of a team of international researchers examining how sizzling oil can give clues to how aerosols and respiratory droplets are created.

*July 2022:*

**Tyler Ray** presented his latest research in emerging facets of 3D printing in front of a group of international experts as part of the National Academy of Engineering's The Grainger Foundation Frontiers of Engineering program. He was the first researcher from Hawai'i to participate in the program's 28-year history.

*August 2022:*

**Yi Zuo** invented a groundbreaking method that allows the study of the health impact of e-cigarette aerosols. found that flavorings used in e-cigarettes, especially menthol, impaired a lipid-protein film at the air-water surface of the lung.

### STUDENTS

*October 2021:*

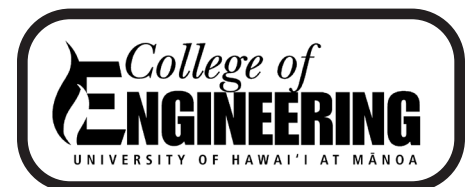
**Daryll Suyat**, a spring '21 grad, and Lillian



**ME Professor Tyler Ray** presenting National Academy of Engineering's The Grainger Foundation Frontiers of Engineering program, becoming the first researcher from Hawaii to participate in the program's 28-year history.



**Dean Morioka** posing with Miss Hawaii USA and 2016 UH Civil Engineering alumna, Kiana Yamat.



2540 Dole Street, Holmes Hall  
Honolulu, Hawaii 96822

### UHM College of Engineering Deans and Chairs

Dean	Brennon Morioka
Int. Assoc. Dean	David T. Ma
Assistant Dean	Song K. Choi
CEE Chair	Ian Robertson
EE Chair	Wayne Shiroma
ME Co-Chairs	Lloyd Hihara and Weilin Qu
HAWTI Dir.	Magdy Iskander



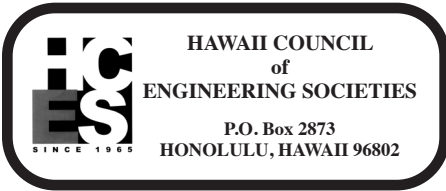
Published monthly by:

HAWAII COUNCIL OF ENGINEERING SOCIETIES  
SERVICE PRINTERS, INC.

1829 Dillingham Boulevard • Honolulu, HI 96819  
Telephone: (808) 841-7644 • Fax: (808) 847-1487  
ADDRESS ARTICLES FOR PUBLICATION TO:  
WARREN YAMAMOTO  
1526-C Pukele Avenue • Honolulu, HI 96816  
Telephone: 732-5216

**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)

**2021-2022 OFFICERS**

Chair:	Roger Babcock	
Vice-Chair:	Jay Stone	
Secretary:	Open	
Treasurer:	Kristen Yoshida	
<b>SOC</b>	<b>Representative</b>	<b>Alternate</b>
AACE	C. Baze	
ACECH	T. Goshi	
APWA	R. Char	
ASCE	E. Arakawa	
ASHRAE	D. Kishi	S. Nakamura
ASME	A. Siu Ho	D. Sato
EAH	S. Gillie	
FALEA	M. Stevenson	
HSPE	M. Kamaka	K. Kunemine
HWEA	R. Babcock	
IEEE	E. Chang	
ITE	W. Yamamoto	J. Thomas
SAME	L. Wong	
SEAOH	K. Hashimoto	
SFPE	S. Dannaway	
SWE	K. Yoshida	
UHM CoE	S.K. Choi	



[www.asme-hi.com](http://www.asme-hi.com)

**ASME-HI 2022-2023 Officers**

Chairperson	Derek Sato <a href="mailto:derek.sato@HawaiiElectric.com">derek.sato@HawaiiElectric.com</a>
Vice-Chair	Abel Siu <a href="mailto:abel.siuho@hawaiiElectric.com">abel.siuho@hawaiiElectric.com</a>
Secretary	Raymond Liu
Treasurer	Kevin Dang <a href="mailto:dangk001@hawaii.rr.com">dangk001@hawaii.rr.com</a>
Member-at Large	Shaun Idefonso Ed Chang Justin Souza
Student Advisor	Dr. Woochul Lee

**ASME-HAWAII NEXT GENERAL MEMBERSHIP MEETING**

Date: September 23, 2022 (virtual)  
Program: Importing JDM Car to Hawaii, plus Hawaii Section business.  
Time: 5:30 pm

As usual, all members, students and guests are invited and encouraged to attend our Zoom Conference Call meetings. Please contact Derek Sato for the link.

**JULY 22, 2022 GENERAL MEMBERSHIP MEETING NOTES**

Our July 22 Zoom meeting was arranged by Chair Derek Sato with the following discussed:

**POSSIBLE TOURS:**

Chocolate Factory: Cost \$15 per person with a limit of 8 persons. Follow their website reservation system if still interested.

Beer-Rum Factory: Information packet received. Up to 25 people allowed. Apparently there is a charge.

Wet and Wild Water Park: A combination tour and park use for 20-25 people allowed at a discounted entry fee.

After further considerations, it was agreed to avoid the fee tours and stay with the traditional free tours. We will look into a second tour of the F-22 aircraft facility at Hickam and the Kapolei Star-Advertiser printing press, and a first time tour of Rengo Packaging in Kapolei. Members are

requested to contact us to sponsor tours of their work place or anywhere they have connections that may be of interest to the members and Student Section.

**PROGRAM PREVIEW:**

Importing JDM car to Hawaii – Derek Sato gave a preview of his presentation for our September 23 meeting including experiences importing a kei car to Hawaii.

**ASME-HI WEBSITE:**

It was decided to continue the Hawaii Section website. It was noted that ASME is no longer discouraging individual section websites.



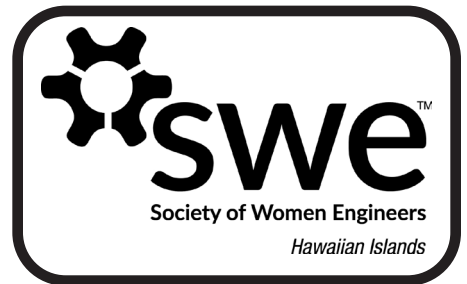
<http://www.hawaiispe.org/>

**HSPE Officers for 2021-2022**

Acting Pres.:	Irina Constantinescu <a href="mailto:IConstantinescu@BrwnCald.com">IConstantinescu@BrwnCald.com</a>
Pres. Elect:	Mike Silva <a href="mailto:mike@femaui.com">mike@femaui.com</a>
Vice Pres:	Sara Doi <a href="mailto:sdoi@bowersandkubota.com">sdoi@bowersandkubota.com</a>
Past Pres:	Sara Doi <a href="mailto:sdoi@bowersandkubota.com">sdoi@bowersandkubota.com</a>
Secretary:	Vacant
Treasurer:	Kurt Kunimune <a href="mailto:kkunimune@bowersandkubota.com">kkunimune@bowersandkubota.com</a>

**NOMINATIONS REQUESTED**

Nominations for the **Engineer of the Year** and **Young Engineer of the Year** candidates are being accepted. Nomination forms will be available on the HCES website at <http://hceshawaii.org/> or by contacting Kurt Kunimune of HSPE. The awardees will be presented at the Engineer's Week Banquet in February of 2023. Please contact Kurt Kunimune of HSPE at [kkunimune@bowersandkubota.com](mailto:kkunimune@bowersandkubota.com) for nomination forms or with any questions. Nominations will be due by Wednesday, December 28, 2022. Mahalo!



HOME PAGE: <http://hi.swe.org>  
EMAIL: [swe.hisecession@gmail.com](mailto:swe.hisecession@gmail.com)  
Facebook: [www.facebook.com/swe.hawaiianislands](https://www.facebook.com/swe.hawaiianislands)

**2019-2020 SWE Hawaiian Islands (SWE-HI) Section Officers**

President:	Chi-Jow
Vice President:	Lee Danielle Young
Treasurer:	Kristen Yoshida
Secretary:	

The mission of the Society of Women Engineers is to empower women to achieve full potential in careers as engineers and leaders, expand the image of the engineering and technology as a positive force in improving the quality of life, and demonstrate the value of diversity and inclusion.

**WILIKI ADVERTISERS NEEDED**

5" x 2" – (10□) \$64.00	2 <sup>5</sup> / <sub>16</sub> " x 2 <sup>1</sup> / <sub>2</sub> " (6□) \$40.00	7 <sup>1</sup> / <sub>2</sub> " x 5" – (37 <sup>1</sup> / <sub>2</sub> □) 1/2 page – \$240.00
7 <sup>1</sup> / <sub>2</sub> " x 3 <sup>5</sup> / <sub>16</sub> " – (25□) (1/3 page) – \$160.00	4 <sup>7</sup> / <sub>8</sub> " x 2 <sup>5</sup> / <sub>16</sub> " (11□) \$72.00	
	2 <sup>5</sup> / <sub>16</sub> " x 1 <sup>1</sup> / <sub>4</sub> " \$20.00	

The price for the ads will be based on a 1<sup>1</sup>/<sub>4</sub>" x 2<sup>5</sup>/<sub>16</sub>" module size which is 1/24th of the page, and be \$20.00 per month with a 15% DISCOUNT for a 6-MONTH RUN.



#### 2021-2022 ASCE Hawaii Section Officers

President: Clifford Lum, P.E.  
email: [clum@ascehawaii.org](mailto:clum@ascehawaii.org)

Pres.-Elect: Reyn Hashiro, P.E.  
email: [rhashiro@ascehawaii.org](mailto:rhashiro@ascehawaii.org)

Vice Pres.: Eric Tomishima, P.E.  
email: [etomishima@ascehawaii.org](mailto:etomishima@ascehawaii.org)

Treasurer: Sheila Uyeoka, P.E.  
email: [suyeoka@ascehawaii.org](mailto:suyeoka@ascehawaii.org)

Secretary: Steven Doo, P.E.  
Email: [sdoo@ascehawaii.org](mailto:sdoo@ascehawaii.org)

Past Pres.: Dayna Nemoto-Shima, P.E.  
email: [dnemoto@ascehawaii.org](mailto:dnemoto@ascehawaii.org)

YMF Pres.: Claire Fukuoka, P.E.  
email: [president.ascehawaiiyfm@gmail.com](mailto:president.ascehawaiiyfm@gmail.com)

#### EXECUTIVE COMMITTEE MEETING

Last held: August 4, 2022

Next meeting: September 6, 2022

#### ASCE HAWAII SECTION DINNER MEETING

We will keep you informed via e-blasts and/or notices posted on our website at [ascehawaii.org](http://ascehawaii.org) with the August meeting information and schedule.

Cost: (RSVP via Eventbrite)

#### OUTSTANDING CIVIL ENGINEERING ACHIEVEMENT (OCEA) AWARDS

The awards banquet will be held on Friday, September 30, 2022, at the Kahala Hotel. We are excited to host the banquet in person for the first time since 2019. We will be celebrating the 2022 OCEA nominees as well as recognizing winners from the past two years.

For more information on nominations and the awards banquet, please visit <http://www.ascehawaii.org/>.

#### 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 Cliff Lum, [clum@ascehawaii.org](mailto:clum@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 Sheila Uyeoka at [suyeoka@ascehawaii.org](mailto:suyeoka@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:

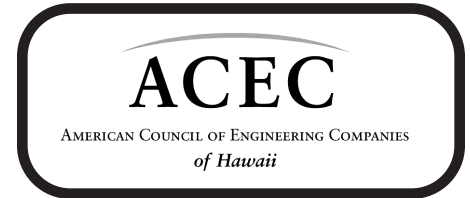
- **AECOM** (Civil Engineer II)
- **Bowers & Kubota** (Civil Designer III, Civil Engineer, Project Engineer, Project Manager, Senior Project Manager)
- **Brown and Caldwell** (Senior Staff Engineer)
- **City and County of Honolulu** (Civil Engineer III, IV, V, Civil Engineer V (Geotechnical), & Electrical Engineer V)
- **Gray Hong Nojima & Associates, Inc.** (Junior Civil Engineer)
- **G70** (Civil Designer, Civil Engineer, Civil Project Manager, Construction Manager)
- **HDR** (Hawaii/Pacific Transportation Business Group Manager, Senior Civil Engineer, Project Manager, Civil Project Engineer)
- **Hawaii Housing Finance and Development Corporation** (Section Chief)
- **Kennedy/Jenks Consultants** (Project Manager, Honolulu Staff Engineer, Hawaii Staff Engineer)
- **Nagamine Okawa Engineers Inc.** (Structural Engineer)



Save the date! The Western Association of State Highway and Transportation Officials (WASHTO) will hold its 2023 annual conference in Honolulu from June 4-8. WASHTO 2023 is a transportation forum for exchanging innovative ideas, exploring and adapting techniques, and promoting excellence in quality and best practices for project delivery and implementation.

Please join us and hundreds of other transportation industry leaders at the Hilton Hawaiian Village next June. If you would like to present during one of the sessions, we are accepting abstracts for 30- to 60- minute presentations. The focus areas for the technical sessions are safety, equity, resilience, and sustainability, but we are accepting abstracts on any topic. For more details, visit the conference website, <https://www.washto2023.com>.

- **R.M Towill Corporation** (Assistant Engineer I, Assistant Engineer II, Civil Design Engineer, Design Visualizer 3D Modeler)
  - **SSFm** (Civil Engineer V, Structural Engineer IV)
  - **Stantec** (Account Manager/Engineer-Water)
- For further information, please visit <http://www.ascehawaii.org/job-listings.html>



#### ACEC Hawaii

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

#### 2022-2023 Board of Directors

President: Nimr Tamimi  
Engineering Partners, Inc.

Pres.-Elect: Kyle Kaneshiro  
The Limitaco Consulting Group

Treasurer: Shannon Holman  
Orion Engineers & Associates

Secretary: Charles Jury  
Okahara and Associates, Inc.

National Dir.: Garret Masuda  
InSynergy Engineering, Inc.

Past Pres: Derek Mukai  
Community Planning & Engineering, Inc.

Directors: Timothy Goshi  
KAI Hawaii  
Ross Kaneko  
Jacobs  
Stacey Miyamoto  
SSFm International

Exec. Dir.: Ginny Wright



#### ACEC Young Professional of the Year Award:

ACEC is excited to announce that Alicia Suzuki, Project Manager of Kennedy Jenks was named one of five recipients of the ACEC Young Professional of the Year Awards! The award strives to promote the accomplishments of young engineers by highlighting their engineering contributions and the resulting impact on society.

Alicia earned a Bachelor of Science and a Master of Science degree in Civil Engineering from the University of Hawaii at Manoa. She currently serves as President of the Water Environment Federation Hawaii (WEF) and the Hawaii Water Environment Association (HWEA), exercising her leadership role in guiding the local engineering community to maximize the beneficial impacts in Hawaii and protect the environment through wastewater treatment.

Alicia has also taken on a leadership role at Kennedy Jenks' wastewater and water practice in Hawaii. Her projects have necessitated personal research supported by her educational background to develop meaningful solutions for clients. She has demonstrated good judgement on situations that benefited from seeking the company's specialized wastewater practices and expertise.



**2021-2022 YMF Officers**

- Claire Fukuoka, President  
*president.ascehawaiiymf@gmail.com*
- Brandon Uejo, Vice President  
*vicepresident.ascehawaiiymf@gmail.com*
- Lance Lam, Treasurer  
*treasurer.ascehawaiiymf@gmail.com*
- Rebecca Pitts, Secretary  
*secretary.ascehawaiiymf@gmail.com*
- Carly Kaneko, Past President  
*pastpresident.ascehawaiiymf@gmail.com*

**YMF General Meeting**

The next YMF general meetings will be in-person on Wednesday, September 7, 2022 at 6:00 PM and Wednesday, October 5, 2022 at 6:00 PM. Please be sure to check out our website, social media channels, or weekly eblast for the most updated information on our upcoming general meeting 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*.

**Bayview Golf Course Outing**

On Saturday, July 16th, YMF held a golf course event at the Bayview Golf Course in Kaneohe. Twenty-one YMF members and two ASCE Hawaii Section members put their short game to the test at the 18-hole par 60 course in Kaneohe. Following the round, the golfers headed over to Buffalo Wild Wings for lunch and some refreshments. Thanks to all who participated. Please keep checking the YMF website for information regarding the next YMF Golf Outing.



**Building Bridges: A Civil Engineering Networking Event for Students and Industry Professionals**

The ASCE Hawaii Section YMF is hosting an in-person networking event, Building Bridges, on Wednesday, September 14, 2022 from 6:00 PM to 9:00 PM at Beer Lab HI - University location. Our goal is to provide a space for UH students, YMF members, and industry supporters to network, learn from each other, and build connections in an informal setting. Thank you to our 17 company sponsors for supporting us in this initiative. Unfortunately, we are sold out for the Building Bridges event, but please be on the lookout for future YMF networking events to come!

**Team Communication (not Love) Makes the World Go 'Round - Technical Presentation**

On Wednesday, August 10, YMF hosted a virtual technical presentation on the topic of team communication. The speaker, Ray Matasci, Senior VP Pacific Area Leader of Brown and Caldwell, shared his experience on team communication styles, processes, and management, especially in the digital world that we live in today. 38 members of the ASCE Hawaii Section YMF and the AWWA/HWEA YP group attended the virtual lunchtime event and was able to participate in a Q&A discussion following the presentation. Thank you to Ray and AWWA/HWEA YP for joining us, and to all YMF members who attended!

**ASCE YMF Job Shadow Program**

The Job Shadow Program is looking for students and industry professionals that are interested in becoming a mentee/mentor. Your interest and participation through this program will provide a valuable experience that will help guide students towards a successful path beyond graduation! If you have any questions and/or to sign up\*, please email the Job Shadow Program directly at *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.

**2022 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://ascehawaiiymf.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? There's a free 1-hour lesson you can check-out before committing to the program! Cost of the course is \$289 and we are offering ASCE Hawaii YMF members a \$40 discount when registering. If interested in signing up for this course, please contact us at *ymf808.pecourse@gmail.com* for more information.



**2021-2022 Officers:**

- President: Jasmine Teramae-Kaehuuea  
*jkaehuuea@atahawaii.com*
- Vice Pres.: Keoni Wasano  
*keoni@goldwings-supply.com*
- Sec/Treas: Mike Motoki  
C&C of Honolulu, DTS

HDOT is hosting the 2023 Western Association of State Highway and Transportation Officials (WASHTO) annual conference in Honolulu from June 4-8. WASHTO 2023 is a transportation forum for exchanging innovative ideas, exploring and adapting techniques, and promoting excellence in quality and best practices for project delivery and implementation.

Join hundreds of other transportation industry leaders at the Hilton Hawaiian Village next June. If you would like to present during one of the sessions, they are accepting abstracts for 30- to 60-minute presentations. The focus areas for the technical sessions are safety, equity, resilience, and sustainability, but we are accepting abstracts on any topic. For more details, visit the conference website, <https://www.washto2023.com>.

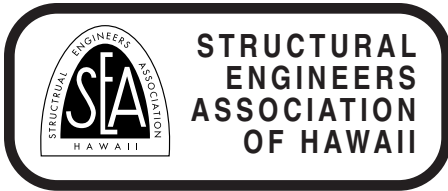
The ITE Hawaii Section held a virtual meeting on August 17th, 2022. Michael Packard, Senior Traffic Engineer with SSFM, and Kelly Akasaki, Traffic and Alternate Modes Safety Branch Head, presented on the Honolulu Complete Streets Design Manual's crosswalk guidance at uncontrolled locations.

The 2022 Western District Annual Meeting was held in Palm Springs, CA and the Hawaii Section was well represented with roughly 15 attendees. The section was also awarded the Small Section Activity Award, which recognizes our Section's overall quality of activities both technical and non-technical in nature.

If you would like to be added to the ITE mailing list, please email Mike Motoki at *michael.motoki@honolulu.gov*.



**Wiliki Advertisers Wanted**



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

**2022 BOARD OF DIRECTORS OFFICERS AND DIRECTORS**

President Craig Meierhoffer  
*cmeierhoffer@baseengr.com*  
 Vice President Michael Greer  
*mgreer@wje.com*  
 Secretary Kevin Galvez  
*kgalvez@baseengr.com*  
 Treasurer Corey Yamashiro  
*corey.h.yamashiro@usace.army.mil*  
 Director (Yr 2) Will Wong  
*wwong@gprmp.com*  
 Director (Yr 2) Justin Matoi  
*jmatoi@wje.com*  
 Director (Yr 1) Channey Wada  
*wada.channey@gmail.com*  
 Director (Yr 1) Erik Christensen  
*Christensen.erik@us.sika.com*  
 Past President John Uno  
*john@mkellc.com*

**PREVIOUS BOD MEETING**

August 3, 2022

**General Membership Meetings/Technical Seminars/Events**

The September technical seminar will be held on September 15th at 5:00pm at Dave and Busters. Look for an upcoming email flyer for registration.

**SEAOH Nominations**

SEAOH will start looking for volunteers to be a part of next year's Board of Directors. If interested or know someone that is, please contact any member of the board.

**2022 SEAOH Scholarship Golf Tournament**

This will be the 10th anniversary of the SEAOH golf scholarship tournament and is scheduled for Friday, 04 November at Ko Olina! Please check [seaoh.org](http://seaoh.org) for information on the scholarship application.

**Recurring NCSEA Delegate**

The SEAOH Board is looking for interest in the membership for a Recurring NCSEA Delegate who will travel and participate in the annual NCSEA Convention. Mike Greer has volunteered to be the Recurring Delegate. Please contact any member of the board, to file any comments or if interested in becoming the Recurring NCSEA Delegate.

**ACEC – SEAOH Representative**

The SEAOH Board is looking for interest in the membership for a member to represent SEAOH in an ACEC Permit Ad Hoc Committee. Please contact any member of the board, if interested.

**Membership Applications**

The following application was approved in the August Board meeting:

- Jiren Cao, Associate Member

Please contact any SEAOH Board Member by September 05, 2022, to file comments regarding this of the applicant.

**Next Meeting** on Wednesday, September 7, 2022. For information, contact SEAOH President Craig Meierhoffer at *cmeierhoffer@baseengr.com*



**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  
 Social Media Yong Shi, CCP  
 Past Pres. Will Sparks, PSP

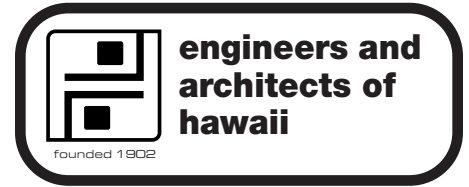
On August 10, 2022, AAACE Section members and friends gathered for a site tour of the Honouliuli Water Recycling Facility (HWRf).

Since opening in August 2000, the facility has recycled treated wastewater to serve the irrigation and industrial needs in Ewa. Water recycling is an important part of the Honolulu Board of Water Supply's effort to conserve precious ground water for drinking. HWRf provides non-drinking water for commercial and business needs.

The project contains Phase 1A and 1B and proposes to upgrade and expand the existing Honouliuli Wastewater Treatment Plant (WWTP) to full secondary treatment and accommodate projected wastewater flows.

The local section, AAACE Hawaii, was originally established in 1973. It achieved

both the Platinum and Gold Award for seven consecutive years 2014-2021. 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).



**PO. Box 1901, Honolulu, HI 96805-1901**  
**An association for Hawaii's Engineers and Architects**  
**WEB address: [www.eahawaii.org](http://www.eahawaii.org)**

**EAH 2021 Officers**

President	Phil Blackman	282-7948
1st V. P.	Canaan Shon	845-3900
Treasurer	Aaron Erickson	591-2728
Secretary	Sam Gillie	
Director	Martin McMorrow	256-4713
Director	George Coates	234-5659
Director	Howard Wiig	587-3811
Director	Joe Feind	
Director	Dave Martin	543-4504

**ATTENTION!!!**

eaH has restarted in-person meetings at our old 301 meeting room in the Topa Tower and continues Zoom meetings as well. Email [eaHawaii@gmail.com](mailto:eaHawaii@gmail.com) if you plan on attending in-person or to get the Zoom invitation.

Visit website - [eahawaii.org](http://eahawaii.org) for meetings updates.

*Hawaii's premier*  
**CONCRETE BLOCK MANUFACTURER**

**TILECO INC.** 91-209 Hanua Street, Kapolei, Hawaii 96707  
 P : 808.682.5737 | [www.tilecoinc.com](http://www.tilecoinc.com)

**College of Engineering, from Page 1**

Shibata contributed to the success of UH AI Racing Tech, a team that made history competing in the first-ever autonomous race car event, the Indy Autonomous Challenge. The team achieved its fastest speed ever and placed 6th in the competition.

*December 2021:*

**Amr Ghanem** and **Mohamed Sherif** took the top prize in UH's Breakthrough Innovation Challenge with their product Model-C, an infrastructure simulation and optimization technology.

**Khaldoon Ishmael** was named the Department of Defense 2021 Science, Mathematics, and Research for Transformation (SMART) Scholar of the Year, honored alongside his mentor, Dr. Richard Ordonez of Naval Information Warfare Center (NIWC) Pacific.

**Justin Yip** and **Deylen Nekoba** showcased an emerging method of freezing seawater to produce saltwater at the 2021 Fall Undergraduate Showcase. They began the project in fall 2020, after the idea was proposed by Assistant Professor **Woochul Lee**.

*February 2022:*

The 2022 Hawai'i Council of Engineering Societies (HCES) selected **Penny Loo** as their Student Engineer of the Year.

**Katlynn Vicuna** was one of 51 recipients of a national space aviation fellowship, the Brooke Owens Fellowship, and is the first awardee ever from Hawai'i.

*March 2022:*

2016 civil engineering graduate **Kiana Yamat** was named Miss Hawaii USA.

*May 2022:*

More than **40 students** from **Amarjit Singh's** construction materials course rebuilt an aging walkway on the UH campus, saving the university thousands of dollars and learning first-hand about the various aspects of managing and executing a construction project.

Awardees for the College's Graduate Student Awards included Outstanding Teaching Assistant **Amr Ghanem**, Outstanding MS Student **Saige Dacuycuy**, and Outstanding PhD Student **Sherry Xu**.

Selections for the spring class' Outstanding Graduating Seniors were **Xiaolin Mai** (CEE), **Isabella Kotsol** (ME), and **John Agcanas** (ECE).

*June 2022:*

Two UH engineering graduate students, **Ahmed Afifi** and **Rintaro Hayashi** received ARCS awards for their innovative research in water conservation and micro marine robots, respectively.

A UH rocketry team comprised of engineering students **Nikki Arakawa**, **Katlynn Vicuña**, **Matthew Paulino**, and **Kahiamakalani Walker** took home five awards in a North American NASA rocket competition, the First Nations Launch High-Power Rocket Competition, which was the most of any of the 13 participating institutions from the U.S. and Canada.

**COLLEGE-WIDE**

Four College of Engineering graduate programs were ranked among the **best in the nation**, according to U.S. News and World Report's 2023 Best Graduate Schools rankings. Civil engineering ranked No. 98; electrical engineering placed No. 99; mechanical engineering is No. 122; and computer science,

a joint program with the Department of ICS, ranked No. 135. Nearly 40 University of Hawai'i at Mānoa graduate programs were recognized among the nation's best, the highest number of UHM grad programs on the list since at least 2013.

The College's wildly popular **Leadership Seminar Series** -- made possible thanks to a generous endowment established by the Hayashida Family, featured powerhouse local leaders **Micah Kane**, **Keiki Pua Dancil**, **Ka'iu Kimura**, **Lori Kahikina**, **Ed Sniffen**, **Jennifer Sabas**, and **Donn Murakami** in the fall semester, all of whom shared their wisdom and experiences with students and the community. Outstanding spring speakers included **Pat Sullivan**, **Walter Dods**, **Ann & Lori Teranishi**, and **Scott Seu**.

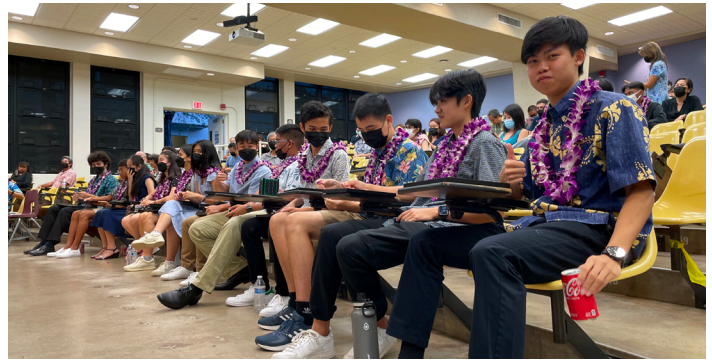
The College's **Annual Banquet** was back in person this April at the Hawai'i Convention Center, drawing over 900 excited attendees and netting over \$180,000 in proceeds. The event was emceed by **Augie T.** and featured special guests including **Governor David Ige**. Funds raised will go towards student projects and activities for the coming year. Also back was the **Alumni Golf Tournament**, organized by the Engineering Alumni Association of UH and held in July at Pearl Country Club. The event featured dozens of happy teams and prizes galore for attendees, and raised scholarship funds for engineering students.

The summer was a busy time for outreach at the College, welcoming a variety of K-12 students to campus to engage in engineering-focused programs. On July 7th, the College hosted 37 **Girl Scouts** ages 13-18 from around the country as part of the inaugural Girl Scouts of Hawai'i Pacific Exploration in STEM

*continued on page 7*



**UH rocketry team poses with their rocket at the First Nations Launch High-Power Rocket Competition**



**Summer Internship Program graduates at closing ceremony**



**CEE Professor Oceana Francis off the coast of Alaska, studying the Arctic's thinning ice.**



**Engineering Student Ambassador Jared Antonio demonstrating how to build a hale pili to Girl Scouts visiting from across the country.**

**College of Engineering, from Page 6**

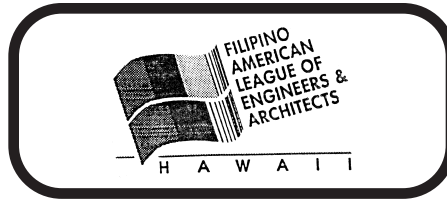
Destinations Camp.

Holmes Hall and surrounding facilities were also home to 15 interns this summer in its revamped **internship program**, the Junior Engineers Summer STEM Experience, or JESSE. JESSE provided high school students with the chance to conduct meaningful laboratory research, engage in professional development and cultural activities, participate in engineering challenges, and visit with engineering firms to explore career opportunities in a variety of settings.

The College mourned the loss of **Admiral Ronald Joseph "Zap" Zlatoper**, who passed away in April at the age of 80. He graciously served on the College's Dean's Council since its inception in 2007, contributing his wisdom and insight through three deans. Most of all, his friends and colleagues will remember his friendly, charismatic, and lively personality.

The College received many generous donations from industry this past year to support its students, research and programs. **Ken and Donna Hayashida** made personal gifts totaling \$250,000 to the College of Engineering and the Nancy Atmospera-Walch School of Nursing to invest in the future of the state and the quality of its educational programs. Additionally, Ken's structural engineering firm, KAI Hawaii Inc. made a separate gift of \$250,000 for a committed total of \$500,000 to UH. The Ken and Donna Hayashida Foundation Leadership Endowment at the College of Engineering will support student leadership activities, specifically the college's Leadership Seminar Series and other events linking students with community leaders. The funds from KAI Hawaii will endow a new Vertically Integrated Project, or VIP, related to sustainability and resilience.

A targeted campaign raised more than \$700,000 to provide much-needed upgrades to the civil and environmental engineering labs at UH Mānoa, driven by the tireless efforts of industry leaders and alumni **Jeff Kalani** and **Ryan Yamauchi**. Six labs were officially renamed to reflect their industry sponsors, including: the **SSFM Structures Lab**, **Bowers + Kubota** Lecture Hall, **Jacobs** Traffic and Transportation Lab, **YKE** Geotechnical Testing Lab, **GCA Hawaii** and **HC&D** Concrete and Materials Lab, and **Element Environmental** and **AECOM** Environmental Lab. In total, more than 80 individual and corporate donors contributed to the campaign that spanned five months.



P.O. Box 4135, Honolulu, Hawaii 96812  
Website: <http://www.falea.org>

**2020-2022 OFFICERS and DIRECTORS**

- President: Ferdinand B. Guinto
- Secretary: Majella D. Stevenson
- Treasurer: Joel L. Francisco
- Public Relations Officer: Maricel O. Guinto
- Immediate Past President: Gene C. Albano, Jr.
- Directors: Angelie L. Armas, Riza Marie Gatdula/Cao, Maritez A. Marquez, Joey G. Resurreccion, Elvi M. Sutherland, Roger A. Urbi

FALEA will be holding their first General Assembly Meeting in over 2 years to hold their general membership assembly and their formal election of officers. The assembly will be held as a family potluck picnic from 10am to 2pm on August 27, 2022 at Magic Island Lagoon (near lifeguard station 1G). FALEA is seeking interested candidates to fill all leadership positions including President, Vice President, Secretary, Treasurer, and all Board of Directors positions. If anyone is interested, please contact Majella Stevenson at 808-426-6191 or email [MujTravel@aol.com](mailto:MujTravel@aol.com).



Website: [hawaii.apwa.net](http://hawaii.apwa.net)

**2021 Officers**

- President: Rouen Liu
- Vice-Pres: Tyler Sugihara
- Secretary: Dawn Szewczyk
- Treasurer: Ryan Char



P.O. Box 2422 Honolulu, HI 96804  
[www.HWEA.org](http://www.HWEA.org)

**2022-2023 Officers**

- President: Alicia Suzuki  
[president@hwea.org](mailto:president@hwea.org)
- Vice Pres.: Cari Ishida  
[vice-president@hwea.org](mailto:vice-president@hwea.org)
- Treasurer: Amanda Tanaka  
[treasurer@hwea.org](mailto:treasurer@hwea.org)
- Secretary: Brandon Uejo  
[secretary@hwea.org](mailto:secretary@hwea.org)
- Past Pres.: Jon Baker  
[past-president@hwea.org](mailto:past-president@hwea.org)
- PWO Rep.: Herman Ellis III  
[pwo-representative@hwea.org](mailto:pwo-representative@hwea.org)
- Nat. Delegate: Kyle Yukumoto  
[national-director@hwea.org](mailto:national-director@hwea.org)

**2022 Biosolids & Co-Generation Workshop**

The Hawaii Water Environment Association (HWEA) Biosolids/Co-Generation Committee is excited to invite you to attend the 2022 HWEA Bi-Annual Biosolids & Co-Generation Workshop.

The workshop will feature an informative technical program with Continuing Education Units (CEUs) opportunities, exhibits (featuring vendor booths), buffet luncheon, Pau Hana networking event, and pre-conference activity (optional, additional fee applies). For information and registration visit <https://www.hwea.org/index.php/hweaevents/conference/2022-biosolids-co-generation-workshop>.

**WEFTEC 2022**

WEF will be hosting WEFTEC 2022 on October 8 to 12, 2022 in New Orleans, Louisiana! Be sure to visit <https://weftec.org> for the latest updates and information about WEFTEC 2022.

**Lua Line Summer Edition**

HWEA is excited to announce the release of Lua Line Summer Edition! View the latest Lua Line at <https://www.hwea.org/index.php/hweamedia/lua-line-magazine>.

**Deadline for**

**Wiliki**

**is September 15th**

**Professional Directory**

<p><b>Tim Waite, P.E.</b> Sr. Territory Manager Mobile: 808-479-1216 Email: <a href="mailto:twaites@strongtie.com">twaites@strongtie.com</a> <b>Simpson Strong-Tie Co., Inc.</b></p>	<p><b>SSFM INTERNATIONAL</b> <a href="http://www.ssfm.com">www.ssfm.com</a></p>	<p><b>WPT</b> WALTER P. THOMPSON, INC. SURVEYING &amp; MAPPING 720 IWILEI ROAD SUITE 425 P.O. BOX 3351 HONOLULU, HI 96801 PHONE: (808) 536-2705 FAX: (808) 599-4032</p>	<p><b>R. M. TOWILL CORPORATION</b> SINCE 1930 Civil Engineering   Wastewater Engineering   Surveying &amp; Mapping Planning   Construction Management   Project Management</p>
<p><b>JUNO &amp; ASSOCIATES</b> CONSTRUCTION COST CONSULTANTS 1210 Ward Avenue, Suite 204 Honolulu, Hawaii 96814 Phone: (808) 947-6855 <a href="mailto:info@j-uno-associates.com">info@j-uno-associates.com</a></p>	<p><b>WALKER INDUSTRIES, LTD.</b> Precast Concrete Products <b>CONSPAN BRIDGE SYSTEMS</b> Michael Villanueva P.O. Box 1568 Kahului, Hawaii 96733 Phone (808) 877-3430 Fax (808) 871-7282</p>	<p><b>WILSON OKAMOTO CORPORATION</b> INNOVATORS • PLANNERS • ENGINEERS <a href="http://www.wilsonokamoto.com">www.wilsonokamoto.com</a></p>	<p><b>WJE</b> 808.591.2728 <a href="http://www.wje.com">www.wje.com</a> Engineers   Architects   Materials Scientists Serving Hawaii and the Pacific Since 1979</p>
<p><b>YOUR AD COULD APPEAR HERE FOR \$235 A YEAR</b></p>	<p><b>wsp</b> Question the ordinary Imagine the extraordinary Create the enduring <a href="mailto:honolulu@wsp.com">honolulu@wsp.com</a> <a href="http://wsp.com/usa">wsp.com/usa</a> 808-536-1737</p>	<p><b>YKE</b> YOGI KWONG ENGINEERS ALWAYS DRIVING BEYOND Geotechnical &amp; Trenchless Engineering Construction Management   Laboratory Testing</p>	<p><b>YOUR AD COULD APPEAR HERE FOR \$235 A YEAR</b></p>

HAWAII COUNCIL OF  
ENGINEERING SOCIETIES  
P.O. Box 2873  
Honolulu, Hawaii 96802

RETURN SERVICE REQUESTED

# Professional Directory

 <p><b>1001 Bishop Street, Suite 1600 Honolulu, HI 96813 tel: 808.521.3051 www.aecom.com</b></p>	<p><b>Austin Tsutsumi &amp; ASSOCIATES, INC.</b> Civil   Traffic   Environmental   Surveying Branch Offices in Wailuku, Maui and Hilo, Hawaii <a href="http://www.atahawaii.com">www.atahawaii.com</a></p>	 <p>• Project Management • Planning • • Architectural/Engineering Design • Construction Management • 94-408 Akoki Street, Suite 201-A • Waipahu, Hawaii 96797 Phone: 808.836.7787 • Telefax: 808.834.4833</p>	<p><b>YOUR AD COULD APPEAR HERE FOR \$235 A YEAR</b></p>
 <p>Maui – Honolulu <a href="http://brownandcaldwell.com">brownandcaldwell.com</a></p>	 <p><a href="http://www.coffman.com">www.coffman.com</a></p>	 <p>Oahu: 615 Piikoi Street, Suite 700 Honolulu, Hawaii 96814 Ph: (808) 591-2022, Fax: (808) 591-8333 Email: <a href="mailto:surveying@cpshawaii.net">surveying@cpshawaii.net</a> Maui: 1129 Lower Main Street, Suite 102 Wailuku, Hawaii 96793 Ph: (808) 242-9641 Email: <a href="mailto:cpshawaii@cpshawaii.net">cpshawaii@cpshawaii.net</a></p>	 <p>Building Value Through Expertise Cost + Project Management 808-947-4525 <a href="http://ccorpusa.com">ccorpusa.com</a></p>
<p><b>Y. Ebisu &amp; Associates</b> Acoustical and Electronic Engineers 1126 12th Avenue, Room 305 Honolulu, Hawaii 96816 (808) 735-1634</p>	 <p>1150 South King Street, Suite 700 • Honolulu, Hawaii 96814 Phone: (808) 591-8820 • Fax (808) 591-9010 Email: <a href="mailto:eci@ecihawaii.com">eci@ecihawaii.com</a></p>	 <p>1320 N SCHOOL ST., STE 1 HONOLULU, HAWAII 96817 Phone: 591-8116 <small>ENGINEERS-SURVEYORS HAWAII, INC. (FORMERLY WILLIAM HEE &amp; ASSOCIATES, INC.)</small></p>	 <p>GEOTECHNICAL ENVIRONMENTAL HYDROGEOLOGICAL CONSULTANTS (808) 484-5366 <a href="http://www.masafujioka.com">www.masafujioka.com</a></p>
 <p><b>FUKUNAGA &amp; ASSOCIATES, INC.</b> CONSULTING ENGINEERS <a href="http://WWW.FUKUNAGAENGINEERS.COM">WWW.FUKUNAGAENGINEERS.COM</a> CELEBRATING OUR 50TH ANNIVERSARY</p>	 <p><b>GEOLABS, INC.</b> Geotechnical Engineering and Drilling Services 2006 Kalihi Street Honolulu, Hawaii 96819 Phone: 841-5064 Fax: 847-1749</p>	<p>Gray • Hong • Nojima &amp; Associates, Inc. CONSULTING ENGINEERS 201 Merchant Street, Suite 1900 Honolulu, Hawaii 96813 Telephone: (808) 521-0306 Fax: (808) 531-8018 email: <a href="mailto:grayhongnojima.com">grayhongnojima.com</a> <a href="http://www.grayhongnojima.com">www.grayhongnojima.com</a></p>	 <p>7 Wilcrest Plaza 925 Ala Moana Boulevard, Suite 240 Honolulu, HI 96813 808.587.7747 <a href="mailto:james.marsters@hartcrowser.com">james.marsters@hartcrowser.com</a> <a href="http://www.hartcrowser.com">www.hartcrowser.com</a></p>
 <p><b>HAWTHORNE CAT</b> 94-025 Farrington Hwy. Waipahu, Hawaii 96797 808/676-0205 Hawthorne Power Systems</p>	 <p><a href="http://www.hcdhawaii.com">www.hcdhawaii.com</a> • <a href="mailto:sales@hcdhawaii.com">sales@hcdhawaii.com</a></p>	 <p>Honolulu 808.697.6200 Wailuku 808.359.2518 Hilo 808.202.6528 <a href="http://hdrinc.com">hdrinc.com</a></p>	 <p>CONSULTING CIVIL ENGINEERS PACIFIC GUARDIAN TOWER 1440 KAPIOLANI BOULEVARD, SUITE 1120 HONOLULU, HAWAII 96814 PHONE: (808) 942-0066 FAX: (808) 947-7546</p>
 <p>Geotechnical Engineering 808.486.0787 <a href="http://www.hirata-hawaii.com">www.hirata-hawaii.com</a></p>	 <p><b>SAM O. HIROTA, INC.</b> Engineers &amp; Surveyors 864 S. Beretania Street Honolulu, Hawaii 96813 Telephone: 537-9971</p>	 <p><b>CAD/CAE Service</b> For: Manufacturing Product Testing Failure Analysis Researching <a href="mailto:info@honosimu.com">info@honosimu.com</a></p>	 <p>Geotechnical Consultants 330 Ohukai Road, Suite 119 Kihei, Hawaii 96753 Phone: (808) 875-7355 Fax: (808) 875-7122 Email: <a href="mailto:ige@igehawaii.com">ige@igehawaii.com</a></p>
 <p>STRUCTURAL &amp; FORENSIC ENGINEERS 50 S. Beretania Street, #C-119C • Honolulu, HI 96813</p>	<p><b>Kennedy/Jenks Consultants</b> Engineers &amp; Scientists The BLOCK Honolulu 707 Richards Street   Suite 528 Honolulu   Hawaii   96813 P: 808.218.6030   F: 808.488.3776 Direct: 808.218.6042</p>	 <p>1622 Kanakalanui Street • Honolulu, Hawaii 96817 (808) 598-7790 • <a href="http://ticghawaii.com">ticghawaii.com</a></p>	 <p>Mechanical Consulting Engineers 1360 S. Beretania Street, Suite 400, Honolulu, HI 96814 Phone: (808) 941-0955 Fax: (808) 550-8167 E-mail: <a href="mailto:mcehnl@mceinternational.com">mcehnl@mceinternational.com</a> Website: <a href="http://www.mceinternational.com">www.mceinternational.com</a></p>
<p>Creative People. Practical Solutions.® <b>mn</b> <b>moftatt &amp; nichol</b> Marine &amp; Transportation Planners and Engineers 808.533.7000 <a href="http://www.moftattnichol.com">www.moftattnichol.com</a></p>	<p><b>NAGAMINE OKAWA ENGINEERS INC.</b> CONSULTING STRUCTURAL ENGINEERS 1003 Bishop Street • Suite 2025 Honolulu, Hawaii 96813 Phone: (808) 536-2626 • FAX: (808) 536-3926</p>	 <p><a href="http://www.oceanit.com">www.oceanit.com</a></p>	 <p>Engineers and Landscape Architects Civil - Mechanical Engineers Hilo: (808) 961-5527 • <a href="mailto:hilo@okahara.com">hilo@okahara.com</a> Oahu: (808) 524-1224 • <a href="mailto:oahu@okahara.com">oahu@okahara.com</a> <a href="http://www.okahara.com">www.okahara.com</a> Small Business</p>
 <p>Soils &amp; Foundation Engineering Consultants 94-417 Akoki Street Waipahu, Hawaii 96797 (808) 678-8024 FAX (808) 678-8722 E-mail: <a href="mailto:pge@pacificgeotechnical.com">pge@pacificgeotechnical.com</a></p>	 <p>SUITE 1500, PACIFIC PARK PLAZA 711 KAPIOLANI BOULEVARD HONOLULU, HAWAII 96813 TELEPHONE: (808) 593-1676 FAX: (808) 593-1607 EMAIL: <a href="mailto:paren@pareninc.com">paren@pareninc.com</a> <b>dba park engineering</b> Engineers, Surveyors, Planners</p>	 <p>Consulting Civil Engineers since 1969 2046 So. King Street Honolulu, Hawaii 96826 Phone: 808-955-4441 <a href="mailto:mailbox@satoandassociates.com">mailbox@satoandassociates.com</a></p>	 <p>Civil, Environmental &amp; Structural Engineers 1126 12th Avenue, #309 Honolulu, Hawaii 96816-3715 Phone: (808) 737-1875 Fax: (808) 734-5516 Email: <a href="mailto:seyeng@seyeng.com">seyeng@seyeng.com</a></p>