

## ENGINEERS WEEK IN HAWAII GOES VIRTUAL DUE TO COVID-19

The pandemic created by COVID-19 is causing changes to how engineers in Hawaii observe Engineers Week 2021. The traditional luncheon and banquet will be replaced by virtual events. The STEM-based event involving school students at an Oahu shopping center has been cancelled. Here is the schedule for Engineers Week 2021 to date.

Engineers Week in Hawaii traditionally began with the Kickoff luncheon at the Hale Koa hotel sponsored by the Society of American Military Engineers. This year's virtual event will be held on Tuesday, February 23 from 12 noon to 1:00 PM on ZOOM. Following the speaker the outgoing HCES chair will recognize the incoming chair. Details on the speaker and how to register will be forthcoming in the February Wiliki.

A virtual Engineers Week Event will substitute for the banquet on Friday, February 26, from 12 noon to 1:00 PM on ZOOM. The four 2021 Engineers Week awardees: Engineer of the Year, Young Engineer of the Year, Student Engineer of the Year, and HCES Lifetime



**William Chapman**

Achievement awardee; will be recognized. Information on how to register for the event will be published in the February Wiliki.

The speaker is William (Bill) Chapman, the Dean of the School of Architecture at UHM. Educated at Columbia (M.S. in Historic Preservation) and at Oxford University (D.Phil. in Anthropology), Chapman has worked extensively throughout the Pacific and Asia and has served as a visiting lecturer at numerous universities in Southeast Asia. He has written on subjects ranging from the historic Volcano House Hotel in Hawaii to the Wright Brothers National Memorial at Kitty Hawk, North Carolina. His latest publication is *Ancient Sites of Southeast Asia: A Traveler's Guide through History, Ruins, and Landscapes* (Bangkok and Honolulu: River Books and University of Hawaii Press, 2018). A four-time Fulbright scholar (Italy, Cambodia, and twice in Thailand), he received the Frank Haines Award for Lifetime Contributions to Historic Preservation from the Historic Hawai'i Foundation in 2011. Since 2016, he has been a Fellow of the Explorers Club of New York. Chapman previously served as the Chair of the Department of American Studies and as the Director of the Graduate Certificate Program in Historic Preservation at UHM.

## Celebrating the life of Norm Abramson, 1932-2020



Recently, we celebrated Hawaii's own ALOHAnet and the enormous impact it had on the Internet and subsequent Wifi technologies that we have become excessively accustomed to and depend on. The event, our ALOHAnet/IEEE Milestone Dedication Ceremony, took place on October 13, 2020, and served as a precursor to a larger mini-symposium the College will host in June, 2021, to mark the 50th anniversary of this technological development. More information can be found at <https://www.eng.hawaii.edu/about/history/alohanel/>.

It is with a very heavy heart that we inform everyone that Dr. Norman Abramson, ALOHAnet co-founder and beloved member of the UH College of Engineering, passed away on December 1, 2020. For more information about Dr. Abramson's life, please visit the links provided below.

UH News: In memoriam: Professor Emeritus, ALOHAnet co-founder Norman Abramson, <https://www.hawaii.edu/news/2020/12/04/in-memoriam-norman-abramson/>

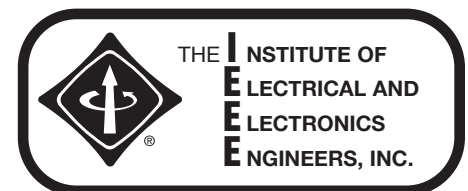
New York Times: Norman Abramson, Pioneer Behind Wireless Networks, Dies at 88. <https://www.nytimes.com/2020/12/11/technology/norman-abramson-dead.html>.

San Francisco Chronicle: Norman Abramson, wireless pioneer, dies in S.F. at 88. <https://www.sfchronicle.com/business/article/>

*Wireless-pioneer-Norman-Abramson-dies-in-San-15795335.php*

The Verge: Norman Abramson, a father of modern wireless networks, dies at 88. <https://www.theverge.com/2020/12/11/22170330/norman-abramson-alohanel-wireless-network-dies>

India Today: Norman Abramson – Father of modern wireless networks, dies at 88. <https://www.indiatoday.in/technology/news/story/norman-abramson-father-of-modern-wireless-networks-dies-at-88-1749127-2020-12-13>



### IEEE Hawaii Section

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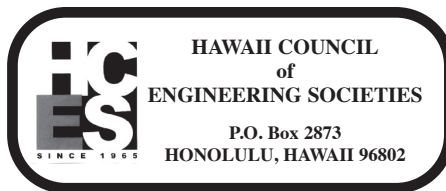
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**WILIKI MAILING LIST**

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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SFPE	S. Dannaway	
SWE	K. Yoshida	
UHM CoE	S.K. Choi	

**OOPS, WE GOOFED!**

We try to be perfect but once in awhile we fall short. The December 2020 Wiliki article "ALOHAnet: World's First Wireless Network" was written by John Imperial. He is a graduate of the University of Hawaii (BSEE) and Hawaii Pacific University (MBA, MSIS). He has taken graduate coursework in EECS, Image Processing, and Systems Engineering at other universities. FE/EIT, IEEE Wireless Communications Professional, and IEEE Senior Member. Over 35 years of experience on space/ground/airborne/undersea architecture, design, and implementation. Currently Lead Technologist and SME for mobile (cellular/satellite), Wi-Fi, Free Space Optics, and Translational Acoustic-RF Communications (TARP) with Booz Allen Hamilton.



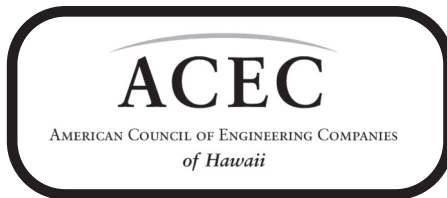
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[www.aacehawaii.com](http://www.aacehawaii.com)

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As a member of the Board of the Council of Engineering and Scientific Specialty Boards (CESB), AAEC 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, AAEC Hawaii, was originally established in 1973. It achieved both the Platinum and Gold Award for seven consecutive years 2014-2020. 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).



**ACEC Hawaii**

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

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**ACECH JANUARY VIRTUAL GENERAL MEMBERSHIP MEETING**

Thursday, January 14, 2021 Noon – 1:30 p.m.  
*Improving the Way We Improve Highway Facilities*

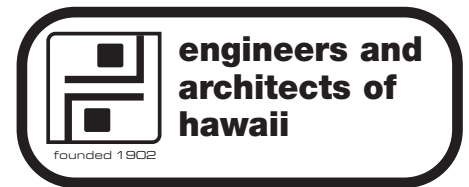
The American Council of Engineering Companies of Hawaii (ACECH) member firms are invited to attend this virtual meeting with **Ed Sniffen, HDOT Highways Division Deputy Director**, as he shares the direction for HDOT Highways Division in the near future, including the results of a recent survey on doing business with the Division. Ed's presentation will include information on available data as well as other initiatives that Highway Division is pursuing to improve the highways and bridges we all rely on.

Attendance is free for ACECH members, but space is limited. Deadline to register is January 12, 2021 (registration is required for all attendees). Please contact Ginny Wright at [gwright@acechawaii.org](mailto:gwright@acechawaii.org) for information.

**NEW MEMBER FIRM**

ACECH is pleased to welcome **SJ Construction Consulting, LLC**, as a new member firm.

Established in 1964, the ACECH is the state affiliate of the American Council of Engineering Companies (ACEC), a national federation of more than 5,300 member firms representing over 500,000 employees throughout the country, and collectively responsible for over \$200 billion in private and public works annually. Its mission is to contribute to America's prosperity and welfare by advancing the business interests of its member firms. As the state affiliate of the ACEC, ACECH is an advocate for laws and policies that protect, enhance and promote the business interests of private engineering companies in Hawaii.



**PO. Box 1901, Honolulu, HI 96805-1901**  
**An association for Hawaii's Engineers and Architects**

**WEB address:** [www.eahawaii.org](http://www.eahawaii.org)

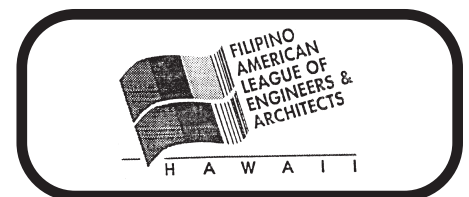
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Director	Howard Wiig	587-3811
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Director	Dave Martin	543-4504

EAH is currently only having Zoom Meetings until further notice.

Regular meetings are held 2 times per month on Fridays. Meetings start at NOON and have ended PROMPTLY at 1:00 pm for over 110 years.

Members, guests, and the Public are welcome to join EAH meetings. Email [eahawaii@gmail.com](mailto:eahawaii@gmail.com) to get the Zoom meeting links.



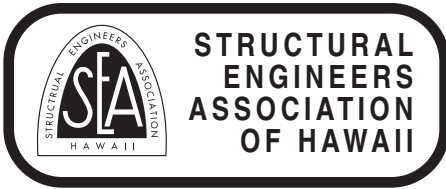
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**SEAOH Installation Banquet**

The 2021 Installation Banquet has been cancelled due to Covid restrictions. A newsletter introducing the new Board of Directors will be sent out instead. Please welcome the incoming Board virtually.

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

For all events see [seaoh.org](http://seaoh.org) or look for email flyers for registration.

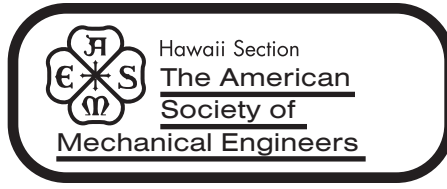
**Next Meeting** on January 6, 2021. For information, contact SEAOH President; John Uno [john@mkellc.com](mailto:john@mkellc.com)



**2019-2020 ITE Officers**

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 Sec/Treas: Jasmine Teramae-Kaehuuea  
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The ITE Hawaii Section held a virtual speaker meeting on November 18, 2020. We heard from Chris Clark who is the Chief Planner in the Department of Transportation Services (DTS) at the City and County of Honolulu (C&C Honolulu), Terry Shin, and Kathleen Chu who is a principal at KCS Consulting, LLC. The presentation introduced the City's new Transportation Impact Assessment Guide, which was prepared by the Performance and Development Division of the C&C Honolulu DTS. The presentation identified the purpose of the new guidelines, which is to provide a clear and consistent process for reviewing potential transportation impacts of proposed City projects and assist with implementing the Complete Streets Ordinance with a multimodal approach. If you would like to be added to the ITE mailing list, please email Keoni Wasano at [keoni@goldwings-supply.com](mailto:keoni@goldwings-supply.com).



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

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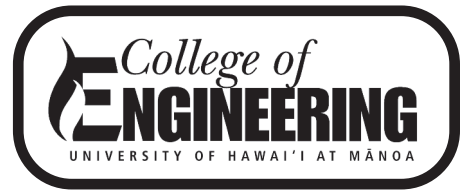
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 YMF Pres.: Carly Kaneko, P.E.  
 email: [ckaneko@ascehawaiiymf.org](mailto:ckaneko@ascehawaiiymf.org)

**EXECUTIVE COMMITTEE MEETING**

Last held: December 11, 2020  
 Next meeting: January 08, 2021

**ASCE HAWAII SECTION DINNER MEETINGS**

The continued health and safety of our membership is our top priority and we will continue to monitor the COVID-19 pandemic. Future in-person ASCE Hawaii Section events, including our section dinner meetings, are still temporarily on hold. We will keep you informed via e-blasts and/or notices posted on our website at [ascehawaii.org](http://ascehawaii.org) when they will be scheduled. Please continue to stay safe, watch out for each other, especially our kupuna, and continue to be vigilant about best health practices.

**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 to fill the following committee positions: One (1) Student Practitioner Advisor (Senior Engineer, Life Member, or Retired professional preferred). If you are interested or have questions on any of these positions, please contact President Dayna Nemoto-Shima, [dnemoto@ascehawaii.org](mailto:dnemoto@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 Eric Tomishima

at [etomishima@ascehawaii.org](mailto:etomishima@ascehawaii.org).

**ASCE JOB LISTINGS**

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

- **AECOM** (Civil Engineers II)
- **City and County of Honolulu** (Civil Engineer III, IV, V, Mechanical Engineer V, & Electrical Engineer V)
- **G70** (Civil Designer, Civil Engineer, Civil Project Manager, Construction Manager)
- **HDR** (Senior Civil Engineer, Senior Engineering Project Manager, Project Manager, & Water/Wastewater Engineer)
- **Kennedy/Jenks Consultants** (Project Manager, Staff Engineer for Honolulu Office and Staff Engineer for Hawaii Office)
- **Nagamine Okawa Engineers Inc.** (Structural Engineer)
- **RM Towill Corporation** (Assistant Engineer I, Assistant Engineer II, Civil Design Engineer, Design Visualizer, 3D Modeler)
- **Stantec** (Task Order Manager, Office Engineer, Junior Office Engineer, Lead Engineer-Assistant Resident Engineer, Track Inspector, Sr. Project Scheduler)
- **SSFM** (Civil Engineer V, Structural Engineer IV)

For further information, please visit <http://www.ascehawaii.org/job-listings.html>.

APPROVED ASCE HAWAII SECTION FY21 BUDGET		
INCOME CATEGORIES	FY20 ACTUAL INCOME	FY21 BUDGET AMOUNT
Section Dues	\$ 8,311.70	\$ 10,600.00
Society Allotment	\$ 4,580.79	\$ 5,410.00
Interest	\$ -	\$ -
Scholarship Acct Interest	\$ 1,355.67	\$ -
Contributions to Section	\$ 370.00	\$ 1,500.00
Grants		
26g - Gov. Relations Grant	\$ -	\$ -
26p - Public Relations Grant	\$ -	\$ -
26y - YMF Merit Grant	\$ -	\$ -
Advertising Income	\$ 1,000.00	\$ 3,000.00
ASCE Conf in Hawaii	\$ -	\$ -
Miscellaneous	\$ 5,460.00	\$ -
Dream Big		\$ -
Infrastructure Report Card	\$ -	\$ -
Meetings		
57i(a) Geotechnical Inst.		
57i(b) Struct. Eng. Inst.		
57i(c) Hawaii Section	\$ 3,350.00	\$ 7,000.00
57 - OCEA	\$ 10,500.00	\$ 11,350.00
ASCE Golf Tournament	\$ 4,774.00	\$ 34,600.00
Walter Lum Fund	\$ 500.00	\$ 500.00
ASCE Region 8	\$ 637.20	
Taxes	\$ -	\$ -
Outreach	\$ -	\$ -
Dream Big	\$ -	\$ -
<b>Total Income</b>	<b>\$ 40,839</b>	<b>\$ 73,960</b>

EXPENSE CATEGORIES	FY20 ACTUAL EXPENSE	FY21 BUDGET AMOUNT
Grants		
26ge Gov Relations Grant		
26pe Public Relations Grant		
26ye YMF Merit Grant		
ASCE Conf in Hawaii	\$ -	\$ -
Miscellaneous	\$ 6,480.00	\$ 200.00
Donations from Section	\$ 500.00	\$ 500.00
Infrastructure Report Card	\$ -	\$ -
Stationery & Supplies	\$ -	\$ 100.00
Postage + PO Box Rental	\$ 239.00	\$ 200.00
Online Banking dues		\$ 100.00
Newsletter	\$ -	\$ -
Meetings		
57e(a) Geotechnical Inst.		
57e(b) Struct. Eng. Inst.		
57e(c) Hawaii Section	\$ 2,456.82	\$ 5,000.00
57e(d) HCES	\$ 480.00	\$ 1,000.00
57e - OCEA	\$ 11,087.85	\$ 11,000.00
Website	\$ -	\$ -
YMF Activities	\$ 6,000.00	\$ 3,000.00
Student Chapter	\$ -	\$ 1,500.00
Official Travel	\$ 2,575.37	\$ 7,960.00
Committee Expenses	\$ -	\$ 700.00
Scholarship Awards	\$ 7,000.00	\$ 6,000.00
ASCE Golf Tournament	\$ 2,500.00	\$ 31,000.00
ASCE Region 8	\$ 1,078.25	\$ 1,700.00
Awards & Prizes	\$ 1,500.00	\$ 2,000.00
Taxes	\$ 1,920.07	\$ 500.00
Outreach	\$ -	\$ 1,500.00
Dream Big	\$ -	\$ -
<b>Total Expenses</b>	<b>\$ 43,817</b>	<b>\$ 73,960</b>
<b>Net Income (Expenses)</b>	<b>(\$ 2,978)</b>	<b>\$ 0</b>





**ASCE mourns the loss of Horst Brandes, Ph.D., P.E., F. ASCE**

It is with a saddened and heavy heart that we announce the passing of one of our past presidents of the Hawaii Section, Dr. Horst Brandes, who passed shortly before Thanksgiving. Many of us knew Horst through his active involvement with ASCE; he was the 2003 ASCE Hawaii Section President, a Region 8 Governor from 2011 to 2014, and was active on many Society committees including Raise the Bar and Civil Engineering Technologist. Horst was also a beloved professor with the University of Hawaii's College of Engineering over the last 23 years and many of us are his former students.

Current ASCE Hawaii Section President, Dayna Nemoto-Shima, remembers Dr. Brandes from her time at UH, "Going into geotechnical engineering, I think I took all of the courses Dr. Brandes taught. I remember he took us on a field trip to see a landslide that took place in a residential area. It was so impactful to see the damage and then hear him talk about his work with the homeowners. I think that was when I realized that the field I was going into really has an impact on people's lives. I owe a lot to Dr. Brandes for where I am today."

We ask that you keep his family, including his wife Patricia (Tricia) and their two daughters, Anna and Isabella, in your thoughts. We also encourage you to express your condolences to the family and share with them any fond memories of Horst. If you would like the Brandes family's contact information, please email Dayna at [nemoto@ascehawaii.org](mailto:nemoto@ascehawaii.org).

The Hawaii Section is working with the family and UH College of Engineering to establish a scholarship fund in honor of Horst. We will keep you updated and hope you consider donating once it's set up.



**2020-2021 YMF Officers**

- Carly Kaneko, President  
[ckaneko@ascehawaiiymf.org](mailto:ckaneko@ascehawaiiymf.org)
- Claire Fukuoka, Vice President  
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- Brandon Uejo, Treasurer  
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- Lance Lam, Secretary  
[llam@ascehawaiiymf.org](mailto:llam@ascehawaiiymf.org)
- Kapiolani Street, Past President  
[kstreet@ascehawaiiymf.org](mailto:kstreet@ascehawaiiymf.org)

**YMF General Meeting**

The next virtual YMF general meeting will be on Wednesday, January 6, 2021. Please send your RSVP to [ymf.hawaii@gmail.com](mailto:ymf.hawaii@gmail.com), link will be distributed to those who RSVP prior to the meeting. Please be sure to check out our website and social media channels for the most updated information and for details on virtual 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 and Gingerbread House Design Challenge**

On November 21st, the Girl Scouts of Hawaii hosted a virtual STEM Fest with live and pre-recorded STEM activities for the girls to participate in. The ASCE YMF prepared two pre-recorded activity videos teaching the girls about gravity and buoyancy through a penny boat challenge and refraction through a magic drawing activity.

On November 27th, the Girl Scouts of Hawaii hosted another virtual event for their annual Gingerbread House Design Challenge. Six ASCE YMF members participated in the event, leading the girls in building their own homemade shake tables to simulate an earthquake for their gingerbread houses. The ASCE YMF members were also able to answer questions about civil engineering and share about their engineering careers with the girls.

Thank you to the Girl Scouts of Hawaii for inviting YMF to be a part of both of the virtual events! We'd also like to thank all the ASCE YMF members who volunteered!

**Snowflake Pau Hana**

On December 11th, twelve ASCE YMF members along with some members from the student chapter gathered over zoom for a winter virtual pau hana event. Each person shared what they had on their Holiday wishlist and as Engineers, all the answers were very practical. As they all reminisced about their childhood, everyone participated in cutting out and creating one of a kind snowflakes that were perfect for Holiday decorations. Some were very intricate and impressive, while others resembled fancy doilies. All of the members were able to enjoy each other's company and were also able to meet some new faces.

Thank you to all the participants for attending!



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

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