

2021 HAWAII MATHCOUNTS COMPETITION

The virtual 2021 MATHCOUNTS Chapter Invitational Competition was held on February 25, 2021, starting at 2:00 pm HST on the Art of Problem Solving (AoPS) Contest Platform. All competitors throughout the country were required to take this competition at the same time. The Chapter Invitational is an added competition to determine who will compete in the 2021 State Competition on March 25, 2021, at 1:00 pm HST on the same AoPS Contest Platform.

The COVID-19 pandemic did not stop MATHCOUNTS. In-person competition became virtual. Preparations for 2021 competition began in 2020 with registrations beginning on June 16, 2020, followed by four Practice Competitions on the AoPS Contest Platform to get competitors familiar before the Chapter, Chapter Invitational and State Competitions. Most students compete as part of a registered school, however, if a student's school is not participating, the student can register as a non-school competitor (NSC) paying a slightly higher registration fee. Registration started earlier with more reminders since COVID-19 created much reluctance to compete virtually instead of in-person.

THE ART OF PROBLEM SOLVING CONTEST PLATFORM

AoPS is hosting these competitions online as a courtesy to community and friends at MATHCOUNTS. AoPS staff are not involved in the development of content for any of the competitions. All official competitions are received by AoPS staff at most 10 days before the competition start date and securely handled by only essential contest administration staff.

The AoPS Contest Platform supports recent

versions of web browsers, such as Microsoft Edge and operating systems such as Windows, Mac OS, Android, etc. The Contest Platform can be used on desktops, laptops, tablets, etc. They recommend competitors participate in at least two of the online Practice Competitions to verify their device and system are sufficient for the Contest Platform.

PROCTORING

All students all over the country take the competition virtually at the same time. These competitors are proctored by coaches or an adult, and they can identify their own proctor or request assistance with one. Proctoring can be done both in-person or virtually.

MATHCOUNTS provided guidelines to the competitors, coaches and parents for proctoring the State Competition. They include the following:

(1) If possible, proctors should be a non-related adult who the competitor's family knows and is comfortable with,

(2) If possible, proctoring should be conducted in a safe, in-person environment with both the non-related proctor and with a parent or

another adult (other than the proctor) always present,

(3) Competitors will be required to provide their proctor's information (name, relation, contact information) to MATHCOUNTS in advance of the competition,

(4) Competitors and proctors will both be required to review the competition rules and proctoring guidelines on the online competition prior to starting the test,

(5) Competitors will be required to sign an Honor Pledge at the beginning of the competition and an Honor Pledge Certification at the end of the competition,

(6) Proctors will be required to submit their name, relation and contact information at the beginning of the competition and sign a Proctor Certification at the end of the competition, and

(7) Competitors will have the option to request assistance identifying a proctor.

CHAPTER COMPETITION RESULTS-HAWAII FEBRUARY 5-6, 2021

Table 1 shows the total competitors and the number advancing to the Chapter Invitational.

continued on Page 5

TABLE 1

Chapter	Competitors	20% cutoff	Advancing	Registered in AoPS but did not compete
Honolulu	125	Top 25	35	14
Maui	62	Top 12	16	7
Big Island	3	Minimum 4	3	0



Iolani School team: Back row (L to R)- Ben Kim, Nicholas Biega, Owen Banks. Front row (L to R)- Ryan Eto, Aaron Ching, Danwoo Kim.



Washington Middle School team: Coach Sung Park, Hong Jin Kwak, Keisuke Kwong, Sage Villaplaza, and Katsutoshi Yamamoto.



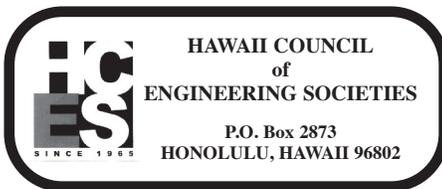
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WILIKI MAILING LIST

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
EMAIL: hcesorg@gmail.com

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EXECUTIVE COMMITTEE MEETING

Last held: March 4, 2021
Next meeting: April 8, 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. Zoom meetings will be scheduled in lieu of in-person meetings, date and time TBD. We will keep you informed via e-blasts and/or notices posted on our website at 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.

YMF General Meeting

The next virtual YMF general meeting will be on Wednesday, May 5, 2021 at 6pm via Zoom. Please send your RSVP to yfm.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 yfm.hawaii@gmail.com.

Palisades Elementary

In celebration of E-Week, ASCE YMF reached out to Mrs. Lee's class of 2nd graders at Palisades Elementary School to do a virtual STEM activity. YMF prepared and delivered "mystery bag" material packets which contained your typical household items; straws, index cards, tape and spaghetti noodles and asked to create their own free standing structure to support as many pennies as possible. Instructions for the activity was shared via YMF's YouTube channel so that students could access it at their own convenience. The activity taught the students a real-life engineering lesson of thinking outside the box with given restraints while also teaching the students that problem solving is an iterative process that sometimes requires trial and error. Thank you to everyone who helped put the video and packets together and thank you to Mrs. Lee for allowing us to share a little about engineering with her students! We hope to do more of these type of events in the future.

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. If you are interested or have questions on any of these positions, please contact President Dayna Nemoto-Shima, 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.

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.

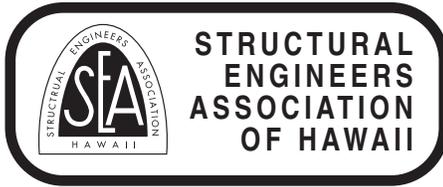
ASCE JOB LISTINGS

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, 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** (Senior Civil Engineer, Project Manager, Senior Engineering 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)
- **R.M Towill Corporation** (Assistant Engineer I, Assistant Engineer II, Civil Design Engineer, Design Visualizer 3D Modeler)
- **Stantec** (Account Manager/Engineer-Water)
- **SSFm** (Civil Engineer V, Structural Engineer IV)

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

**Deadline for
Wiliki
is April 15th**



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Web Page URL <http://www.seah.org>

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Upcoming Events

For all events see seah.org or email flyers.

April Continuing Education Seminar:
Planning to invite Simpson Strong-Tie to make a presentation. More details forthcoming.

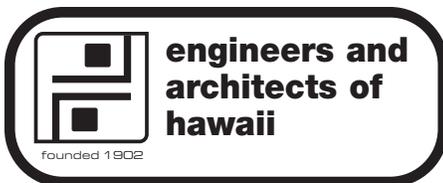
SEAOH Annual Golf Tournament:

Annual golf tournament is being scheduled for either October 22nd, or 29th.

Membership Applications

Application was received from Kate Hannas, Member. Please contact any SEAOH Board Member by April 5, 2021, to file comments regarding the applicant.

Next Meeting on Wednesday, April 7, 2021. For information, contact SEAOH President John Uno at john@mkellc.com



PO. Box 1901, Honolulu, HI 96805-1901
An association for Hawaii's Engineers and Architects
WEB address: www.eahawaii.org

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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 to get the Zoom meeting links.



2020-2021 Officers:

President: Kelly Akasaki
Kelly.akasaki@honolulu.gov
Vice Pres.: Jasmine Teramae-Kaehuaea
jkaehuaea@atahawaii.com
Sec/Treas: Keoni Wasano
keoni@goldwings-supply.com

In March, ITE hosted their first-ever, virtual Technical Conference on Intersections and Streets. This online technical conference focused on new and innovative solutions to transportation challenges being implemented in communities in the United States and around the world. This two-day event featured 10 technical sessions developed by ITE's Councils and Committees along with a plenary session and engaging networking activities. Conference topics include Bicycle and Pedestrian Treatments, Micromobility, Multimodal Performance Measures, and Safe System Approach. Program and registration information can be found at <https://www.itetechconference.org/>. In support, the Hawaii ITE section did not host a meeting and encouraged members to attend the technical conference in its place.

If you would like to be added to the ITE mailing list, please email Keoni Wasano at keoni@goldwings-supply.com.



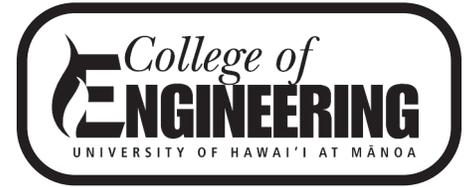
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As a member of the Board of the Council of Engineering and Scientific Specialty Boards (CESSB), AACE International offers a range of certification levels from technician to professional to expertise level including CCT, CCP, CEP, EVP and PSP Certification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

The local section, AACE 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.



2540 Dole Street, Holmes Hall
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Literally Building a Better Hawai'i

Hawai'i consulting firm SSFM International has extended its commitment to multiple scholarships for students at the University of Hawai'i at Mānoa.

The SSFM International, Inc. Freshman Scholarship covers four years of tuition for a first-year student in the UH Mānoa college of engineering.

The SSFM International, Inc. Scholarship covers tuition for the company's employees who are undergraduates in the UH Mānoa college of engineering.

The SSFM International Graduate Fellowship in Planning provides assistance for tuition, fees, and other expenses to a student working toward a master's degree in the Department of Urban and Regional Planning.

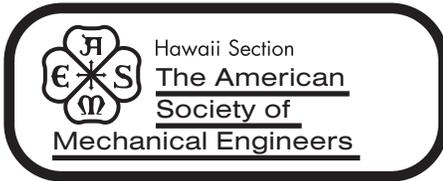
"SSFM has a long-standing commitment to our community as one of the oldest kama'aina engineering firms in Hawai'i," says Brennon Morioka, Dean of the College of Engineering. "Their commitment continues, through this scholarship and their relationship with the College of Engineering and our students."

One of SSFM's beneficiaries is Sara Nakagaki, a senior civil engineering major graduating in spring 2021. She says, "This scholarship allowed me to pursue other opportunities and to become a more well-rounded person. Instead of having the constant worry of paying for school, I could focus on studying, and building a network with other future civil engineers."

Michael P. Matsumoto, President, SSFM International, Inc. says, "I am pleased that SSFM International Inc. is able to support my alma mater, the College of Engineering, and our next generation of engineers in this important way. Scholarships have a profound impact on the lives of students, and make it possible for UH to attract, retain and train the outstanding future professionals our state needs."

Founded in 1959, the firm provides engineering, planning, construction management, development management and production management services in Hawai'i and the Pacific. It has a long history of support for the UH community.

Morioka says, "SSFM's support for our students and their investment in mentoring Hawai'i's future leaders cannot be overstated. We are truly appreciative of Mike Matsumoto and his SSFM 'ohana for their partnership, and we are excited about what the future holds for our students who will benefit from such generosity."



www.asme-hi.com

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Past-Chair	Derek Sato	
	<i>derek.sato@hawaiianelectric.com</i>	
HCES Rep:	Derick Kam	
Alternate:	Froilan Garma	

NEXT ASME-HAWAII GENERAL MEMBERSHIP MEETING

Date: Date yet to be determined for in person meeting depending on COVID-19 status, such as current State Social Distancing proclamation relaxation, vaccine implementation, and depending if remote-virtual meeting conducted. As usual, all members, students and guests are invited and encouraged to attend our meetings.

ASME PRIVACY POLICY

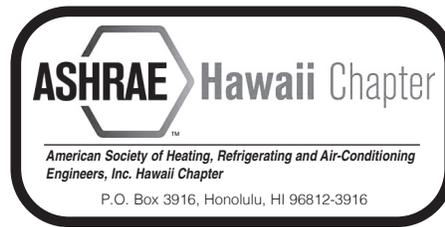
ASME members and affiliates may have noticed that the March 2021 Wiliki was not sent out via the usual ASME-HI website/webmaster email notification. We were informed that direct email to members would be a violation of the Society's privacy policy as we are not to be in possession of member's contact information. This includes emailing the student section and its advisors.

Clarifications from ASME are sought and a meeting to discuss future communication options is to be held on Thursday, March 11, 2021. Clarifications will include: 1) Must all emails be sent "blind copied" only and only to members that have provided written consent. This specifically pertains to the distribution of documents as the ASME Group Mass Email Console (GMEC) does not allow attachments, 2) If you are considered as "friends" or "colleagues" and we mutually, but informally consent to the sharing of personal information (email address & phone numbers) with one another or others (if multiple people are on the email thread), is ASME Hawaii now allowed to email directly or must written consent still be provided under the presumption that any communication from or regarding ASME Hawaii topics are considered as "official business", 3) If you are not an ASME member or have not opted-in to receive section emails, the understanding is that no ASME Hawaii event notifications can be sent to you, and 4) How can ASME perform volunteer recruitment for the Francis R. Montgomery Competition, MATHCOUNTS Competition, or other volunteer events that are not ASME events when the GMEC does not allow for its use for non-ASME events?

These are some examples of the Privacy Policy questions we are seeking answers to.

The Wiliki will still be posted on our Hawaii Section website, <http://www.asme-hi.com/> so please continue to check for the latest edition every month. We unfortunately will not be able to notify you when the latest Wiliki issue has been posted as we have always done in the

past. We have attempted to use the ASME GMEC system to send out the March Wiliki, but are uncertain if we will be able to utilize this notification service as the Wiliki is not an ASME publication.



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We encourage everyone to visit our website for up to date meeting announcements, events and sponsorship opportunities. We have been handling COVID-19 with virtual meetings throughout the society year, and are excited to continue to provide our members and guests with more ASHRAE related content and events! Our website can be found here: <https://ashraehawaiichapter.info/index.php>.

Upcoming event: ASHRAE Annual Golf Tournament

ASHRAE Hawaii's 33rd Annual Golf Tournament is coming up on May 07, and registration is open until Friday, April 16. The tournament will be held at Ewa Beach Golf Club, and check in will start at 10:30AM. We are offering a registration for 4 players teams at \$950, and (3) sponsorship options: Bronze (Tee Sponsor only) \$500, Silver Sponsor (includes bronze + (1) 4 player team), and Gold Sponsor (includes bronze + (2) 4 player teams). We always have great prizes, and this year will be no different. Please visit our website registration page for more information as well as to register at: <https://ashraehawaiichapter.info/meetinginfo.php?id=174&ts=1614041713>.

Hawaiian Electric employees win EPRI 2020 Technology Transfer Awards for innovation

Leaders recognized for research, results to advance clean energy

Seven Hawaiian Electric employees have been selected to receive the prestigious Electric Power Research Institute's (EPRI) 2020 Technology Transfer Awards in the Power Delivery & Utilization and Generation Technology sectors. The honor recognizes their leadership and innovation on collaborative research and technology projects that produced significant results.

"These awards are ultimately about results that provide meaningful benefits to the energy industry and the public, while helping make electricity more reliable, efficient, safe, affordable, and environmentally responsible," said Colton Ching, Hawaiian Electric senior vice president of planning and technology. "We couldn't be prouder of our employees and their exceptional contributions to advancing clean energy technologies and initiatives." The winners and awards are introduced below.



Henry Lee, director of system operation, **Troy Uyehara**, superintendent of operating planning, and **Michelle Sakata**, operations engineer, for **Advanced Tools and Methods for Integrating Renewables and DER**. Lee, Uyehara, Sakata, and the System Operation team applied and tested EPRI tools to more efficiently integrate renewable and distributed energy resources on to the electric grid while maintaining reliability of Hawaiian Electric's generation supply.

Jimmy Yao, manager of electrification of transportation, for **Electric Vehicle and Infrastructure Modeling for Deployment Programs**. Yao was part of a collaborative team of eight utilities from 13 states that investigated incentives – such as free parking, HOV lane access and green electricity – for advancing future electric vehicle adoption across different customer demographics and segments.

Alan Hirayama, principle distribution planning engineer, and **Alan Lee**, senior distribution planning engineer, for **Probabilistic Hosting Capability**. The duo incorporated time-based probabilistic analysis capability for the growth of distributed energy resources across Hawaiian Electric's five-island service territory.

Karin Kimura, director of environmental division, for **Accurate Assessment of NO2 (Nitrogen dioxide) and NOx (Nitrogen oxide) at Fossil Fuel Power Plants**. Kimura's research/analysis improved understanding of in-stack ratios of NO2 and NOx to better assist generating units in meeting air quality standards and achieving permitting of the units.

EPRI is an independent nonprofit that conducts research, development and demonstration projects for the benefit of the public in the U.S. and internationally. Membership is comprised of more than 1,000 organizations worldwide including electric utilities, business, government agencies, regulators and public or private entities involved in some aspect of the generation, delivery or use of electricity. The annual EPRI Technology Transfer Awards spotlight the value of collaborative research to the electricity sector and customers, and recognize the leaders and innovators who have applied EPRI research to produce significant results.

**Wiliki
Advertisers
Wanted**

2021 HAWAII MATHCOUNTS COMPETITION , from Page 1

As a nationwide policy, a minimum of 4 competitors from each chapter advance to the Chapter Invitational. If a competitor was the top score from their school but not within the 20%, then that competitor advanced.

CHAPTER INVITATIONAL RESULTS-HAWAII FEBRUARY 25, 2021

Moving on to the State Competition on March 25, 2021, Thursday at 2:00 pm, are 23 Hawaii mathletes (Top five scores from each chapter, plus the next ten scores from the rest of the state). **Tables 2 to 5** show the advancing competitors to the State Competition.

The 2021 Raytheon Technologies MATHCOUNTS National Competition is scheduled for May 8-11, 2021, previously as an in-person competition; however, it will also be online using the AoPS Contest Platform.

Nhut Pham of the Hawaii Society of Professional Engineers (HSPE) coordinates MATHCOUNTS activities for Hawaii. Under these different COVID-19 conditions he communicates with coaches, parents and competitors encouraging them to participate passing on information, dates, reminders and results. He thanks the participating coaches, parents and competitors for their efforts to make this year's competition possible.



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

HSPE Officers for 2020-2021

- President: Irina Constantinescu
IConstantinescu@BrwnCald.com
- Vice Pres: vacant
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sdoi@bowersandkubota.com
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MujTravel@aol.com
- Treasurer: Kurt Kunimune
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- HOD '19-'21: Mike Silva
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- Big Island Dir., NICET Chair '19-'20: Curtis Beck
curtbegood@mail.com

TABLE 2 Big Island Chapter

Chapter	School Name	Student Name	Chapter Rank
Big Island Chapter	Parker School (Kamuela, HI)	Noa L Rickards	1
Big Island Chapter	Parker School (Kamuela, HI)	Nichita A Corduneanu-Laiu	2
Big Island Chapter	Parker School (Kamuela, HI)	BJ Daoust	3

Table 3 Maui Chapter

Chapter	School Name	Student Name	Chapter Rank
Maui Chapter	Maui Waena Intermediate School (Kahului, HI)	Aaron S Omuro	1
Maui Chapter	Seabury Hall School (Makawao, HI)	Kalai Romanchak	2
Maui Chapter	Seabury Hall School (Makawao, HI)	Colin A Rosenthal	3
Maui Chapter	Seabury Hall School (Makawao, HI)	Catherine U Hampe	4
Maui Chapter	Iao School (Wailuku, HI)	Kip T Watanabe	5

Table 4 Honolulu Chapter

Chapter	School Name	Student Name	Chapter Rank
Honolulu Chapter	Washington Middle School (Honolulu, HI)	Keisuke Kwong	1
Honolulu Chapter	Iolani School (Honolulu, HI)	Ryan Eto	2
Honolulu Chapter	Punahou School (Honolulu, HI)	Ian Jun	3
Honolulu Chapter	Punahou School (Honolulu, HI)	Ashley J Hong	4
Honolulu Chapter	Punahou School (Honolulu, HI)	Nathan L Yu	5

Table 5 Others Advancing to State:

Chapter	School Name	Student Name
Honolulu Chapter	Iolani School (Honolulu, HI)	Danwoo Kim
Honolulu Chapter	Iolani School (Honolulu, HI)	Nicholas Biega
Honolulu Chapter	Iolani School (Honolulu, HI)	Benjamin Kim
Honolulu Chapter	Washington Middle School (Honolulu, HI)	Hong Jin L Kwak
Honolulu Chapter	Iolani School (Honolulu, HI)	Aaron P Ching
Honolulu Chapter	Washington Middle School (Honolulu, HI)	Sage Villaplaza
Honolulu Chapter	Washington Middle School (Honolulu, HI)	Katsutoshi V Yamamoto
Honolulu Chapter	Iolani School (Honolulu, HI)	Owen T Banks
Honolulu Chapter	Highlands Intermediate (Pearl City, HI)	Kyson M Nishitomi
Honolulu Chapter	Punahou School (Honolulu, HI)	Kaitlin J Qu

FINAL REMINDER COLLEGE OF ENGINEERING 21ST ANNUAL BANQUET



Friday, April 30, 2021, 11:00 am-1:30 pm

Awards program and 4-course gourmet luncheon (with proper sponsorship)

To learn more about this year's banquet and secure your ticket or table sponsorship, please visit <https://www.eng.hawaii.edu/allevnts/> or contact Justin Scott at jkscott@hawaii.edu.

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