THE STATE OF THE COLLEGE OF ENGINEERING

School started on August 26 and the college welcomed over 1,300 students back to school. Over the summer, the college welcomed Dr. Brennon Morikawa as its sixth dean. He is a proud product of the college, earning a doctorate degree in civil engineering in 1999.

Prior to joining the college, he served as the general manager for electrification of transportation at the Hawaiian Electric Company (HECO), deputy executive director for the Honolulu Authority for Rapid Transportation, vice president and area manager of the Honolulu office of CH2M HILL, director of the Hawaii State Department of Transportation, and executive vice president of Shioi Construction.

He also serves as chair of the Pacific International Center for High Technology Research in addition to the boards of numerous community service and non-profit organizations including the U.S. Japan Council, ‘Ahahui Koa ‘Anuenue, and the Aloha Stadium Authority.

SAVE THESE DATES
- Holmescoming – Oct. 11, 2019 at the Stan Sheriff Center at 5pm. For details: www.eng.hawaii.edu/h19
- Career Day – Oct. 16, 2019 at the Campus Center Ballroom at 1pm. For details: www.eng.hawaii.edu/19careerday

FACULTY
The Civil & Environmental Engineering Department welcomes two new faculty this semester. Roger Chen’s (PhD Maryland, ’07) research interests include Transportation Engineering and Systems Analysis, Smart Cities and Connected Communities, and Travel Behavior and Demand Modeling. Hyoungsu Park’s (PhD Oregon State, ’16) research interests include Coastal Inundation Process, Resilience of a Coastal Community, and Coastal Debris Advection.

The Electrical Engineering Department welcomes Il Young Chun (PhD Purdue, ’15). His research interests include Regression Neural Networks, Machine Learning with Big Data, and Nonconvex Optimization.

The Mechanical Engineering Department welcomes Eunji Jun (PhD Michigan, ’12). Her research interests include Rarefied Gas Dynamics, Hypersonic Flow, and Space Propulsion.

The college also bid farewell to Professors H. Ronald Riggs and Tep Dobry, retiring after decades of educating and inspiring multitudes of engineering students.

Earlier this year, EE Chair & Professor Wayne Shiroma was one of 66 academic inventors elected to the National Academy of Inventors’ inaugural class of Senior Members. Senior Members are active faculty, scientists, and administrators at NAI Member Institutions with success in patents, licensing and commercialization. They have produced technologies that have brought, or aspire to bring, real impact on the welfare of society.

CEE Professor V. Amarjit Singh was also honored earlier this year by the American Society of Civil Engineers with the 2019 Construction Management Award for “innovation and research aimed at improving construction around the globe.”

STUDENT ACCOMPLISHMENTS
In April…
- Fourteen students from Honolulu, Kapi‘olani and Windward Community Colleges and UH Mānoa (Project Imua Mission 6 team) took home the “Rookie Award” at the NASA Student Launch Competition in Huntsville, Alabama.

Project Imua team with their award-winning rocket at the NASA Student Launch Competition in Huntsville, Alabama.

Representing the College of Engineering on the team were mechanical engineering students Adam Macalalag, Matthew Nakamura, Eric Takahashi.
- Third year CEE PhD student Sabrina Diemert won first place and the People’s Choice Award at the third annual UH Mānoa Three Minute Thesis Competition. She won over judges and the audience by discussing her research on wastewater and how it can be used to track foodborne illness outbreaks like salmonellosis.
- Everett Amundson, Kendra Horvath, Jillian Kuba, and Austin Yoshino won the annual UH Business Plan Competition with their company -- G-Train. This company designs walking assistive devices that incorporate self-stabilizing gyroscopic technology into its wheels for greater freedom and mobility for individuals with disabilities.

continued on Page 5
2019-2020 Officers
President: Scott McAdam
smcadam@hawaii.gov
Vice Pres.: Jason Nkaido
jnkaid0@hawaii.gov
Treasurer: Shelle Silva
shelle.silva@hawaii.gov
Secretary: Jon Baker
PWO Rep.: Herman Ellis III
Heili@hawaii.gov
Nat. Delegate: Sheryl Noday
snojima@grayhongnojima.com
Deleg-at-Lrg: Lance Manabe
lmanabe@lukunageengineers.com

NEXT EXECUTIVE COMMITTEE MEETING
September 18, 2019, 11:30am, CSM Baseyard – 99-989 Iwaiena St

10th BIENNIAL COLLECTION SYSTEMS CONFERENCE
Date: Wednesday, November 20, 2019
Location: Koolau Ballrooms Kaneohe

This year, HWEA has teamed with the Western Chapter of the North America Society for Trenchless Technology (WESTT) to provide an exciting joint conference. The conference will include a wide variety of topics related to wastewater collection systems and buried infrastructure with an emphasis on: current collection system technologies, assessment, rehabilitation and operation. Other presentation topics include:

- Collection System Design (including pump stations)
- Trenchless Construction/Rehabilitation and Condition Assessment Methods
- System Operations, Maintenance and Troubleshooting
- Conventional Construction/Rehabilitation Methods
- Collection System Assessment
- Safety Issues
- Regulations/Enforcement
- New Technologies
- Management and Administration of Systems
- Operator Certification

For questions or additional information contact: Tom Myers (203-2660, tmyers@brwncald.com), or Sheryl Noday (521-0306, snojima@grayhongnojima.com)

25 AACE Section members and friends assembled for lunch at the office of Rider Levet Bucknall on August 1st. They listened to a presentation on “Perfecting the Fixed Perspective Windows Delay Analysis” by Mr. John D. Jackson. Mr. Jackson has an extensive background in the project management consulting for construction and litigation analysis disciplines. He presented the Fixed Perspective Windows Delay Analysis method which incorporates the strengths of various retrospective methods, while minimizing, if not alleviating the weakness. The result is an analysis that, when prepared correctly, is simple to calculate and easy to defend.

Our local Board Meetings are held monthly. Feel free to contact us with suggestions or interest. For more information, please visit our website www.aacehawaii.com.
PO BOX 3348, HONOLULU, HI 96801
Web Page URL http://www.seaoh.org

2019 BOD OFFICERS AND DIRECTORS
President: Kevin Nakamoto
knakamoto@ssfm.com
Vice President: Danny Fujoka
danny@ragnarkeikowa.com
Secretary: Brent Ching
brent@wamottile.com
Treasurer: Regan Kobayashi
Regan.kobayashi@englekirk.com
Director (Yr 2): Kaina Alo
Kaina.a.k@basf.com
Director (Yr 2): Jillian Sumimoto
jillian@mkelic.com
Director (Yr 1): Brandi Castillo
Brandi.castillo@navy.mil
Director (Yr 1): Kirk Hashimoto
kirk@ccpihawaii.com
Past President: Jeffrey Cudiamat
jcudiamat@structuralhawaii.com

PREVIOUS BOD MEETING
August 7, 2019

General Membership Meetings/Technical Seminars/Events
For all events see seaoh.org

• SEAOH Convention 2019 – Dates are set for October 19-20 with the main convention activities being held at Alohiana Resort in Waikiki and the Banquet Dinner held the Hawaii Convention Center hosted by Ashraf Habibullah of CSI. Registration opening soon.

The Annual SEAOH golf tournament is scheduled for November 1st at the Hoakalei Country Club. More details to follow.

Convention Mentorship Event
This year’s convention will feature a Mentorship Event on Saturday, October 19 at the Hawaii Convention Center (more details to follow). The event will give young engineers an opportunity to improve their effectiveness by learning from experienced professional mentor from each of the fields: Architecture, Civil, Mechanical, Electrical, Construction. Mentors will talk about what they do and how they work with Structural Engineers. This event is open to all young structural engineers and designers (SEAOH membership not required).

Next BOD Meeting on September 4, 2019. For information, contact SEAOH President; Kevin Nakamoto knakamoto@ssfm.com

The Society of FIRE PROTECTION ENGINEERS

HAWAI'I CHAPTER OFFICERS
President: Robert Bigtas
Coffman Engineers
bigtas@coffman.com
Vice President: Derick Kam
NAVFAC Hawaii
Secretary: Ferdi Guinto
NAVFAC Hawaii
Treasurer: Sam Dannaway
Coffman Engineers

2018-2019 WEHAWAIIAN ISLANDS (SWE-HI) Section Officers
President: Dian Nguyen, dungpnghuyen@gmail.com
Vice President: Andrea Mansfield, amansfield@oceanit.com
Treasurer: Kristen Yoshida, kristenhau@gmail.com
Secretary: Chi Jow, cjow@hawaii.org

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.

Section News:
This year annual conference WE19 (https://we19.wet.org/) will be held on November 7-9 in Anaheim, CA. WE18 attracted over 14,000 attendees. Join us this year in Anaheim for professional development, networking, and career fair, and K12 STEM outreach opportunities.

WE Local conferences (https://welocal.wet.org/) will be held in 5 cities: San Diego, Salt Lake City, Durham, Des Moines, and Buffalo. These conferences are much smaller, which provide a great opportunity for networking. Award nomination, speaker abstract proposal, collegiate competition is open.

HOME PAGE: http://hi.swe.org
EMAIL: swe.hisection@gmail.com
Facebook: www.facebook.com/swe.hawaiianislands

2018-2019 SWE Hawaiian Islands (SWE-HI) Section Officers
President: Dian Nguyen, dungpnghuyen@gmail.com
Vice President: Andrea Mansfield, amansfield@oceanit.com
Treasurer: Kristen Yoshida, kristenhau@gmail.com
Secretary: Chi Jow, cjow@hawaii.org

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.

Section News:
This year annual conference WE19 (https://we19.wet.org/) will be held on November 7-9 in Anaheim, CA. WE18 attracted over 14,000 attendees. Join us this year in Anaheim for professional development, networking, and career fair, and K12 STEM outreach opportunities.

WE Local conferences (https://welocal.wet.org/) will be held in 5 cities: San Diego, Salt Lake City, Durham, Des Moines, and Buffalo. These conferences are much smaller, which provide a great opportunity for networking. Award nomination, speaker abstract proposal, collegiate competition is open.

- The Annual SEAOH golf tournament is scheduled for November 1st at the Hoakalei Country Club. More details to follow.
- Convention Mentorship Event
  - This year’s convention will feature a Mentorship Event on Saturday, October 19 at the Hawaii Convention Center (more details to follow). The event will give young engineers an opportunity to improve their effectiveness by learning from experienced professional mentor from each of the fields: Architecture, Civil, Mechanical, Electrical, Construction. Mentors will talk about what they do and how they work with Structural Engineers. This event is open to all young structural engineers and designers (SEAOH membership not required).

Next BOD Meeting on September 4, 2019. For information, contact SEAOH President; Kevin Nakamoto knakamoto@ssfm.com

- The Annual SEAOH golf tournament is scheduled for November 1st at the Hoakalei Country Club. More details to follow.
- Convention Mentorship Event
  - This year’s convention will feature a Mentorship Event on Saturday, October 19 at the Hawaii Convention Center (more details to follow). The event will give young engineers an opportunity to improve their effectiveness by learning from experienced professional mentor from each of the fields: Architecture, Civil, Mechanical, Electrical, Construction. Mentors will talk about what they do and how they work with Structural Engineers. This event is open to all young structural engineers and designers (SEAOH membership not required).

Next BOD Meeting on September 4, 2019. For information, contact SEAOH President; Kevin Nakamoto knakamoto@ssfm.com
EXECUTIVE COMMITTEE MEETING
Last held: August 6, 2019
Next meeting: September 3, 2019

ASCE HAWAII SECTION 2019
OUTSTANDING CIVIL ENGINEERING ACHIEVEMENT AWARDS
Date: September 26, 2019
Location: The Kahala Hotel & Resort
Check our website at ascehawaii.org for updates and an email will be sent out to membership with more information.

ASCE HAWAII SECTION DINNER MEETING
There will be no dinner meeting in September. Our next dinner meeting will be in October 2019. Check our website at ascehawaii.org for updates and an email will be sent out to membership with more information.

COMMITTEE POSITIONS
ASCE Hawaii is looking for volunteers to fill the following committee positions: History & Heritage Chair, Advocacy Captain, OahuMPO and Student Practitioner Advisor. If you are interested or have questions on any of these positions, please contact President Eric Arakawa, earakawa@ascehawaii.org.

MEMBERSHIP
If you haven’t already done so, please renew your ASCE membership. You can renew your membership at www.asce.org.

ASCE JOB LISTINGS
The following job listings are currently posted on the ASCE Hawaii Section website:
• Booz Allen Hamilton (Senior Civil Engineer and Wastewater Specialist)
• City and County of Honolulu (Civil Engineer V (Geotechnical), Civil Engineer III, V, VII, Mechanical Engineer V)
• HartCrower (Geotechnical Engineers – Principal Level, Project Level)
• Kennedy/Jenks Consultants (Project Manager, Staff Engineer for Honolulu Office and Staff Engineer for Hawaii Office)
• Nagamine Okawa Engineers Inc. (Structural Engineer)
• PGH Wong (Change and Claims Manager, Change and Claims Specialist, Civil/Building Inspector, Office Engineer, Scheduler)
• SSFM (Civil Engineers V, Structural Engineer V)
• US Army Corps of Engineers (USACOE) (Interdisciplinary Project Manager, GS-12)
• Zane & Associates, LLC (Facility Planners)

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

2018-2019 YMF Officers
Nicole Nakaoa, President
nnakaoa@ascehawaiymf.org
Kapiolani Street, Vice President
ksstreet@ascehawaiymf.org
Carly Kaneko, Treasurer
ckaneko@ascehawaiymf.org
Claire Fukukoa, Secretary
cfukukoa@ascehawaiymf.org
Jordan Urabe, Past President
jurobe@ascehawaiymf.org

YMF General Meeting
The next YMF general meeting is scheduled for Wednesday, September 4th, 2019 at 6:00 pm at Work Play. 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.

Special Olympics Aukake Classic
On Saturday, August 10th, eleven YMF members volunteered at the ‘Aukake Classic Event for the Special Olympics at Waiau District Park in Pearl City. The ‘Aukake Classic is a two-day event in which over 300 athletes throughout the state compete in a multi-division 5-a-side soccer tournament, individual skills soccer competition, and traditional and unified bocce doubles competition. The coaches and athletes trained from June through August and competed in area and regional competitions in preparation for the event. The ‘Aukake Classic marks the end of the Special Olympics Summer season. The YMF members worked with the Special Operations Team to set up tents and chairs, fill coolers for the volunteers and water jugs for the athletes, place trash/recycle bins around the park, transport the food and merchandise, and other miscellaneous tasks. Thank you to the YMF volunteers for coming out to help and to Cindy Ujimori for coordinating this event with us!

Golf Outing
On Sunday, July 14th, YMF held a course outing at the Bayview Golf Course in Kaneohe. Seventeen YMF members and friends 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.

Bar Crawl
On Friday, August 9th, eighteen YMF members participated in an evening bar crawl throughout Kakaako to wind down with friends and coworkers after a productive work week. Members started the Aloha Friday Bar Crawl at the Brewseum, where they competed in a friendly game of eye spy while surrounded by WWII memorabilia. The group made their way to Waikiki Brewing Company where they enjoyed good food and several games such as cornhole and jenga. On our bar crawl adventure, we stumbled across a new bar called Speakeasy Bar, which held a private and classy environment. The members ended their crawl at Work Play and enjoyed the live music. Thank you for everyone that came out and made this social a success!

Our last social event of the year will be the annual archery tag event on September 1st. More details will be provided in the later announcements. If you are interested in any of these events, please RSVP to atae@ascehawaiymf.org and we will keep you up to date with new information.

CCMAA Hawaii Chapter
http://ccmaahawaii.org

2018-2019 Board
President: Ranelle Ho (SSFM)
Vice President: Kelly French (Jacobs)
Secretary: Greg Kodama (Brett Hill Management Group)
Treasurer: Emily Boirum (Bowers + Kubota)
Chapter Past President: Brook Conrey (CH2M)

CMAA Hawaii Chapter News:
Aloha CMAA Hawaii!

The PCM class was recently held at HCC. Twelve people attended the three-day course which was taught by our locally certified instructors. Good luck on your upcoming CCM test.

Michael Young and Dan Keeley of Bowers and Kubota did a fantastic job on the recent lunchtime presentation. Mike and Dan spoke about the boring of the Kanehoe to Kailua tunnels.

A year end Paina will be held on September 5, 2019. Be on the lookout for an email for signups and location.

Save October 18, 2019 for our annual CMAA golf tournament. The shotgun tournament will be held at Ewa International Golf course. An email blast went out so sign up now before the tournament gets sold out.

As shared in the past, our chapter is here as a resource for all Construction Engineering and Management professionals, and the things that we do benefit not only our CM community but our larger Ohana as well.

If you have any questions regarding any of our upcoming events, would like to join our Ohana and become more involved with the CMAA Hawaii Chapter or would simply like to be added to our email list, please email us at: hawaii.cmaa@gmail.com, or at our mailing address: CMAA Hawaii, PO Box 531, Honolulu, HI 96809

Looking for a CCM? The current listing for all Hawaii CCMs can be found here: https://cmaanet.org/certified-construction-managers-registry.
September Meeting Announcement

Please join us at our next meeting to hear a presentation from Eric Lee Niemeyer, Traffic Operations Engineer for City of Springfield, Oregon. Eric is an experienced lawyer and licensed Traffic Engineer in Oregon and California. The topic of Eric’s presentation is “Flashing Yellow Arrow for Protected/Permitted Left Turns at Traffic Signals”, where he will discuss the benefits of flashing yellow arrows and share his experience in deploying flashing yellow arrows at signalized intersections.

Date: Wednesday, September 25, 2019
Time: 11:45 AM – 1:00 PM
Location: Frank Fasi Municipal Building, 3rd Floor
Cost: $10 for ITE members; $12 for non-members; $8 for students

Additional information will be emailed to members and friends of ITE. If interested in attending, please email Jasmine at jkaehuea@atashaawaii.com by September 20, 2019.

Professional Directory

The UH ASCE Student Chapter celebrates their placing(s) at the 2019 ASCE Pacific Southwest Conference.