

SPRING 2024 FRANCIS RHODES MONTGOMERY DESIGN COMPETITION

The Francis Rhodes Montgomery Design Competition (FRMDC) is in its 37th year since its inception in 1987. This annual event is co-sponsored by the University of Hawai'i, Department of Mechanical Engineering (DME) and the ASME Hawai'i Francis R. Montgomery Foundation. The DME Spring 2024 FRMDC was held on Friday, May 3, 2024 at the University of Hawai'i at Manoa, Hawaii Institute of Geophysics Building Room 110.

The competition consisted of 8 teams from the ME 481/482 design course. Teams presented their projects and described project objectives, design challenges, engineering principles that were applied, project results, expenditures, and gave credit to their sponsors. Upon conclusion of the presentations, the competition moved to the courtyard where the teams demonstrated their projects and provided more detailed information to the judges.

The students were able to leave behind all the challenges associated with the COVID-19 pandemic from previous years by presenting a variety of projects in which showcased their ingenuity and enthusiasm. All project presentations were excellent and it is clear that Mechanical Engineering is progressing beyond materials and fabrication in which a few projects included an impressive amount coding and automation.

Following the ASME/FRMDC scoring rubric, the judges ranked the teams as follows with First place and \$500 was awarded to Team UHDT, in second place and receiving \$300 was Team RoSE, and in third place and \$200 was Team WAEVS.

TEAM PROJECT DESCRIPTIONS:

First Place: Team UHDT - University of Hawaii Drone Technologies

Team UHDT created an autonomous Unmanned Aerial Vehicle (UAV) that will facilitate the research and development of the team's current Competition Drone in order to acquire first place at the 2024 Student Unmanned Aerial System (SUAS) competition. By using a low cost, low risk testing platform, UHDT was able to develop and implement a variety of new technologies to the competition drone.

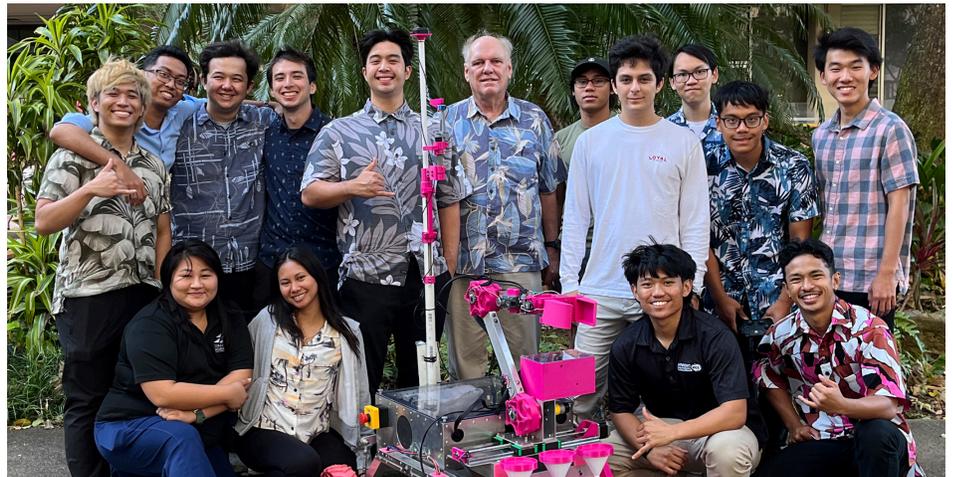
Second Place: Team RoSE - Rover

Team RoSE designed and fabricated a rover to compete in and win the 2024 University Rover Challenge held in Hanksville, Utah. The rover is capable of tele-operation, autonomy, item retrieval, equipment repairs, and detecting life in simulated Mars environments. The team also aims to prepare its students for the engineering industry and further the advancement of space



1st Place - Team UHDT

L to R: Kian 'La'i' Viernes, Connor Quist, Duke Vierra, Logan 'Makana' Onzuka, Kody Jesena-Cosco, and Dr. Mehrdad Ghasemi-Nejhad



2nd Place - Team RoSE

Top Row L to R: Kim Acorda, Jerome Carl Castillo, Micah Chang, Bret Witt, Cole Nagata, Dr. Trevor Sorensen, Nicholas Boo-Rivera, River Matsumoto, Travis Salyphone, Alexander Menese, and Jack Saito

Bottom Row L to R: Lindsey Agustin, Chrizia Notarte, Mark Mori, and Dedrick Sakuma

exploration & technology.

Third Place: Team WAEVS - Warriors Autonomous Electric Vehicle System

Team WAEVS has developed an Autonomous Electric Vehicle System (AEVS) of an autonomous vehicle controlled by a centralized ground control center. Team WAEVS aims to push the development of autonomous vehicles at UH Manoa and encourage the use of electronic vehicles and sustainable energy.

The goal of the project is to design and build a vehicle capable of carrying at least 300 pounds of cargo around a designated footpath on the UH Manoa upper campus.

Team Hokulele - Two-Stage High-Powered Rocket

Team Hokulele's mission is to design and manufacture a two-stage high-powered rocket

continued on page 2



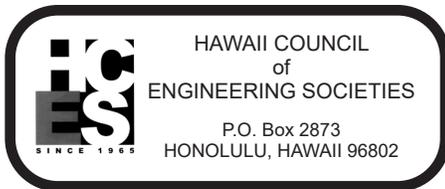
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FRANCIS RHODES MONTGOMERY DESIGN COMPETITION, FROM PAGE 1

capable of reaching an altitude of 25,000 feet, carrying a multi-camera payload, and being recovered in a reusable condition upon landing. The rocket's design was divided into four subsystems: Structure, Propulsion, Recovery, and Payload.

Team AFWD - Autonomous Fixed-Wing Drone

Team AFWD worked on the design, development, and performance evaluation of a novel fixed-wing drone integrating VTOL (Vertical TakeOff and Landing) capabilities. The proposed UAV combines the efficiency of fixed-wing aircraft with the flexibility of VTOL systems, enabling it to operate in confined spaces and deploy from unprepared terrain.

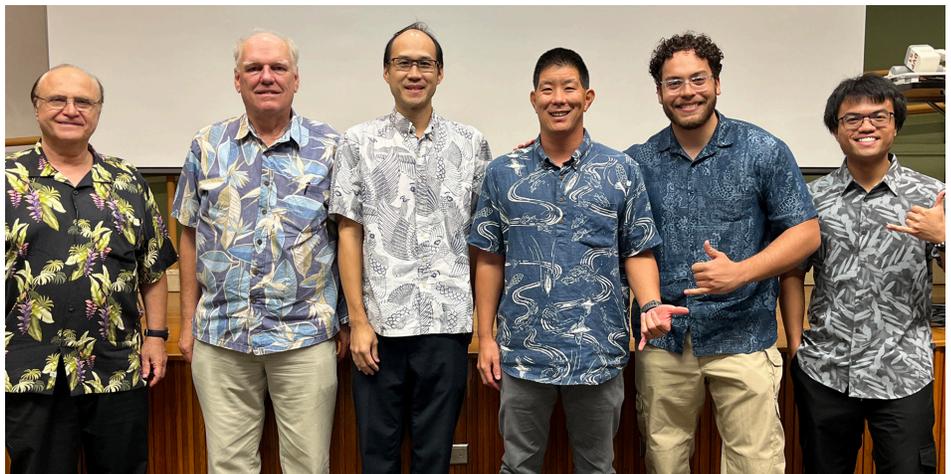
Team ACAC - All-Composite Air Cargo

Team ACAC designed and fabricated an all-composite unit load device (ULD) used for storing cargo, rather than the traditional, all-aluminum used in airplanes. This will significantly decrease



3rd Place - Team MAEVS

L to R: Anna Kiraly, Keoni Ichiyama, Cecilia Abella, Julia Chang, Kent Tanji, Cristen Clark, Rob Godfrey, Jade Lopes, Olivia DeCroix, Ethan Burke, Christian Komo, Ryu Young, and Guilherme Santos



Professors & Judges

L to R: Dr. Mehrdad Ghasemi-Nejhad (UHM DME), Dr. Trevor Sorensen (UHM HSFL), Abel Siu (ASME), Jason Nakasato (HECO), Sebastian Rodriguez-Namen (HECO), Jett Bolusan (HECO).

the weight reduction per flight. Modern aviation companies including commercial shipping and airlines strive for weight savings as the cost of fuel, due to inflation, continues to increase annually. However, a major weight reduction can be implemented by decreasing the material used to construct the ULD.

Team NG-RURA - Next Generation Reconfigurable Underwater Robotic Arm

The Next Generation Reconfigurable Underwater Robotic Arm (NG-RURA) is a system that was developed for The Pearl Harbor Naval Shipyard and Intermediate Maintenance Facility to interface with observation class ROVs. The system is designed for cost-effective manufacturing and replacement of parts. NG-RURA targets retrofitting existing, potentially affordable observation-class drones, as opposed to powerful ROVs used with current high-payload underwater manipulators.

Team RWR - Rainbow Warrior Racing SAE-EV-Formula

Team Rainbow Warrior Racing (RWR) FSAE EV team will design, manufacture, and validate a formula-one style electric vehicle that complies with all FSAE EV regulations and requirements, whilst also showcasing efficiency and ruggedness to successfully complete all competition events.

ACKNOWLEDGEMENTS:

ASME Hawai'i would like to thank Dr. Mehrdad

Ghasemi-Nejhad and Dr. Trevor Sorensen along with the UHM DME for organizing the Spring 2024 Francis Rhodes Montgomery Design Competition. Thanks to their efforts, including Derek Sato from ASME, the student project competition was completed with great success.

Thanks to all the Senior Design Course participants who presented their mechanical engineering projects. Finally, thank you to the judges from Hawaiian Electric: Jason Nakasato, Sebastian Rodriguez-Namen, Jett Bolusan who donated their time to evaluate and score the project presentations and demonstrations.



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We had a fantastic turnout at Wednesday's AACE Hawaii Section event on April 10th at the Kuilei Place Sales Gallery, where Calvin Gidlof, Chief Estimator and Risk Manager at Parsons, delivered an insightful presentation on the essential role of risk management in both large-scale projects and everyday decisions. Mr. Gidlof explored key questions such as "What is risk?", "What is contingency?", and "How do you calculate risk?" He also clarified the risk categories of known, unknown, and unknown unknowns, emphasizing the importance of using historical data and risk analysis to strategically manage foreseeable challenges. His discussion highlighted why rigorous risk management is crucial and how conducting thorough due diligence on subcontractors can enhance decision-making and mitigate risks effectively. Thank you to everyone who joined us for this enlightening session!

As a member of the Board of the Council of Engineering and Scientific Specialty Boards (CESB), 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 nine consecutive years 2014-2022. Our local area continues to achieve CCP, CEP, CST and PSP certifications. For more information, please visit <http://web.aacei.org/certification> and our local website www.aacehawaii.com.



"Risky Business" Event at Kuilei Place Sales Gallery



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Website: r6.ieee.org/hawaii

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IEEE EXECUTIVE COMMITTEE (EXCOM) MEETING

Last meeting: May 9th, 2024

Next meeting: June 6th, 2024

Register here: events.vtools.ieee.org/m/413741
For a full list of upcoming events, visit r6.ieee.org/hawaii/events

SAFETY INTELLIGENT

Unlocking Safety Intelligence: IQ + EQ3 = SQ.

Safety Intelligence is the process that can help leaders put in place a safety management system focused on business improvement as a whole. Safety doesn't have to slow you down, this discussion will outline some key factors to create a successful safety culture. The discussion will be led by Tracy Lawson. She is the President & Founder of the Lawson & Associates Inc and the Co-Founder of the Safety Intelligence Institute. Tracy has 30+ years experience in the occupational safety & health field and maintains several board certifications.

Date: 12 June 2024

Time: 4:30 PM to 5:30 PM

Location: 1312 Kaumualii St, Honolulu, HI, 96817

Register here: events.vtools.ieee.org/m/421043

IEEE JOB LISTINGS

The following jobs are currently listed on the **IEEE Job Board**.

- Bowers + Kubota Consulting - Senior Electrical Engineering Manager
- CENSEO AV+Acoustics - Audio/Visual Design Engineer/Consultant
- CENSEO AV+Acoustics - BIM Coordinator/ Specialist
- CENSEO AV+Acoustics - Telecommunications Engineer/Consultant

For more job listings, visit r6.ieee.org/hawaii/jobs
Want to post a job? r6.ieee.org/hawaii/post-a-job

IEEE CHAPTER AND AFFINITY GROUP ELECTIONS: CALL FOR NOMINATIONS

The IEEE Hawaii Power & Energy Society (PES) Chapter, Electron Device Society (EDS)/ Solid State Circuits Society (SSCS) Joint Chapter, Life Members Affinity Group, and Young Professionals (YP) Affinity Group are holding elections this year for the 2025-2026 term. If you are interested in running for an officer position in PES or EDS/SSCS, please email John Borland (johnborland@aol.com). If you are interested in running for an officer position

in Life Members or Young Professionals, please email Brianne Tengan (brianne.tengan@ieee.org). The nomination deadline is July 31st. Elections will take place in November.

67TH HAWAII STATE SCIENCE & ENGINEERING FAIR

The 67th Hawaii State Science & Engineering Fair was held April 1-3, 2024 at the Neal Blaisdell Exhibition Hall and hosted by the Hawaii Academy of Science. For the past decade, IEEE (Institute of Electrical & Electronics Engineers) Hawaii presented special awards for outstanding projects related to Electrical Engineering or Computer Science. Senior Research projects are grades 9-12 and Junior Research projects are grades 6-8. This year six IEEE Hawaii members and community members volunteered as judges and four were also Academy judges, Song Choi, Michael Hirakami, Eugene Chang, Tom Brotherton, Sophia Tang, and John Borland.

The three Senior Research project award winners of \$200 went to:

- 1) ROBO-234 by Andy Chen of Kalani High School for "Harnessing Brainwaves for Robot Control with an Arduino Brainwave Reader",
- 2) ROBO-235 by Aaron-James Santa Cruz of Waipahu High School for "Using Computer Vision to Analyze Traffic", and
- 3) ROBO-236 by Jisue Hong of Punahou School for "Can CNNs Accurately Classify Human Emotions? A Deep-Learning Facial Expression Recognition Study".

The four Junior Research project award winners of \$100 went to:

- 1) EGSD-469 by Steven Au, Alexi Terebenkov and Gordon Lai of Kaimuki Middle School for "Skyline Powered by the Breeze",
- 2) EGSD-470 by Tanner Miller of Island School for "What Amount of Blades is the Most Efficient to Generate Energy with Wind Turbines?",
- 3) EGSD-474 by Pierce Blanton, Ryan Doan and Wesley Mederios for "E-Car, an Efficient, Economical and Ecological Way to Generate Energy",
- 4) ROBO-541 by Madilyn Corker of St. Michael School for "My Mess vs My Robot".

GENERATOR DESIGN 101 & ALTERNATIVE FUELS

IEEE Industry Applications Society (IAS) Hawaii Chapter hosted a seminar on generators with guest speaker and local legend, Cliff Yuen, from Hawthorne CAT in the Burns & McDonnell



67th Hawaii State Science & Engineering Fair

office on May 7, 2024. This talk helped electrical engineers of all experience levels to brush up on best generator design practices and to learn about alternative fuel options that are becoming ever so common in our push towards a sustainable, yet resilient Hawaii.



Generator Design 101 & Alternative Fuels

CRAFTING ENGAGING SLIDES FOR SEMINARS AND CONFERENCES

IEEE Hawaii Women in Engineering (WIE), in collaboration with IEEE WIE groups from Utah, Boise, and Phoenix sections, organized a seminar on April 27, 2024. By exploring the intricacies of cognitive processes, audience engagement strategies, and slide design principles, attendees gained valuable insights that will undoubtedly enhance their communication prowess. At this seminar, we explored the following key topics:

- Understanding How the Brain Processes and Retains Information: Gain insights into the encoding and decoding of the human brain and what the brain is attracted to.
- Tips to Capture and Maintain the Audiences' Attention: Discover effective techniques to engage your audience from start to finish, ensuring that your messages last.
- Tips to Create Informative and Impactful Slides: Unlock the secrets to making your slides clear to see, easy to read, and concise to remember

Special thanks to the IEEE WIE groups from Hawaii, Utah, Boise, and Phoenix sections for their invaluable support and partnership.

For more information about IEEE Hawaii WIE and upcoming events, visit r6.ieee.org/hawaii-wie/



IEEE UH MANOA STUDENT BRANCH MURDER MYSTERY GAME NIGHT

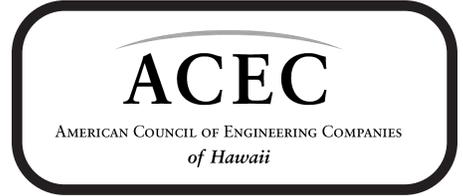
On April 17th, the IEEE UH Manoa Student Branch held a Murder Mystery Game Night, where students teamed up and raced to solve a mystery.



IEEE UH MANOA STUDENT BRANCH END OF THE YEAR SOCIAL

On May 1st, the IEEE UH Manoa Student Branch held an End of the Year Social, where students challenged their peers to different games. The event helped to de-stress before finals and celebrate their hard work by relaxing with their classmates.

Deadline for
Wiliki
is June 15th



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Website: www.acechawaii.org

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HI ISLAND ENGINEERS GROUP MEETING ON 5/8 RECAP

The HI Island Engineers Group gathered for a dinner meeting in Hilo, Hawaii, at the Engineering Partners Training Room on May 8. There, they listened to "Resilient Design Guidelines & Sea Level Rise Adaption in Hawaii," a presentation by Melissa May, AICP, and Rachael Han, EIT of SSFM International. Their topic presented an overview of various state and county initiatives to integrate climate change impacts and resilience considerations into Hawaii's development standards and regulations. This also included a case study on sea level rise on the North Shore of Oahu and a discussion on the evolution of codes and regulations throughout Hawaii. Thank you to everyone who was able to attend!



HI Island Meeting on 5/8 in Hilo, Hawaii.

GENERAL MEMBERSHIP MEETING ON JUNE 5

ACECH's next GMM will be on Wednesday, June 5. The Foundation for Financial Education (F3E) will be presenting "Business Transition, Retirement, and The Stock Market," a financial education workshop with guest speaker Caine Nakata, Director of Operations, F3E Hawaii Chapter. The meeting will be held at The Pacific Club from 8:30 a.m. to 9:30 a.m. Topics that will be discussed include: transitioning out of a business, planning your income in retirement, and the stock market. To register, see <https://acechawaii.org/june-general-membership-meeting/>.

WILIKI ADVERTISERS NEEDED

<p>5" x 2" – (10□) \$64.00</p>	<p>2⁵/₁₆" x 2¹/₂" (6□) \$40.00</p>	<p>7¹/₂" x 5" – (37¹/₂□) 1/2 page – \$240.00</p>
<p>7¹/₂" x 3⁵/₁₆" – (25□) (1/3 page) – \$160.00</p>	<p>4⁷/₈" x 2⁵/₁₆" (11□) \$72.00</p>	<p>2⁵/₁₆" x 1¹/₄" \$20.00</p>

The price for the ads will be based on a 1¹/₄" x 2⁵/₁₆" module size which is 1/24th of the page, and be \$20.00 per month with a 15% DISCOUNT for a 6-MONTH RUN.



L to R: Cheryl Walthall, Troy Miyasato, Walter Thoemmes, Heather de la Garza, Julia Fink, Dayna Nemoto-Shima

AIA-ACECH-GCA KAMEHAMEHA SCHOOLS UPDATE PRESENTATION & PAU HANA NETWORKING EVENT

On May 15, ACECH, in partnership with the American Institute of Architects (AIA) Honolulu and the General Contractors Association (GCA) of Hawaii invited Walter Thoemmes, Managing Director of Planning, Industry, and Development for Kamehameha Schools to speak on the update to Kamehameha Schools' development plans in areas of Kakaako, Kapalama, Moiliili, Waipahu, and Keauhou. Following Walter's presentation was a networking pau hana event between the three organizations. Thank you to all of our sponsors for supporting this event!



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YMF GENERAL MEETING

The next YMF general meetings will be in-person on Wednesday, June 5, 2024, at 6:00PM and Wednesday, July 3, 2024, at 6:00PM. Please check our website, social media channels, or weekly eblast for the latest information on our upcoming general meetings and events. If you are interested in attending and learning more

about the various professional, social, and service opportunities available through YMF, please contact YMF at yymf.hawaii@gmail.com.

APWA HAWAII PUBLIC WORKS CONFERENCE

The 2024 APWA Hawaii Public Works Conference is on Thursday, June 20, 2024 at the University of Hawaii Campus Center. For further information or inquiries, please email rouen.liu@hawaiianelectric.com or jon@hawaiiasphalt.org.

ALA WAI DRIVING RANGE BY ZACHARY CHANG, GOLF CHAIR

On Saturday, May 4, YMF held a driving range event at Ala Wai Golf Course in Kapahulu. The 10 YMF members in attendance enjoyed the nice and sunny day to work on their golf swings and catch up with friends. Thank you to all who participated. Please keep checking the YMF emails for information regarding the next YMF Golf Outing. See you at the next one!

LOI RESTORATION BY LAUREN HILL AND MEAGAN NAKAMOTO, COMMUNITY SERVICE CHAIRS

On April 13th, 2024, ASCE Hawaii YMF members volunteered at Kauluakalana Second Saturday Workday. YMF members along with other volunteers helped to build/restore the lo'i by moving green material into the lo'i to build bridges and an island. We ended with a mo'olelo about Hi'iaka's journey through Kailua and a delicious lunch! Thank you to all the volunteers who got down and dirty!!



ASCE YMF JOB SHADOW PROGRAM

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

2024 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 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? You can check out a free 1-hour lesson before committing to the program! The course cost is \$289, and we offer ASCE Hawaii YMF members a \$40 discount when registering. If you are interested in signing up for this course, please contact us at yymf808.pecourse@gmail.com for more information.



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EXECUTIVE COMMITTEE MEETING

Last held: May 7, 2024

Next meeting: June 4, 2024

ASCE HAWAII SECTION DINNER MEETING

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

Cost: (RSVP via Eventbrite)

ASCE OCEA NOMINATIONS REQUESTED

The ASCE Hawaii Section seeks nominations for the 2024 Hawaii Outstanding Civil Engineering Achievement (OCEA) Awards, which honors the best and the brightest achievements within the local civil engineering industry. Various awards will be given to projects that demonstrate innovative and outstanding civil engineering accomplishments by Hawaii's design and construction professionals. Nominations are due by Friday, August 9, 2024, to the ASCE Hawaii Section Awards Committee. The awards banquet will be held on Thursday, September 26, 2024, at the Kahala Hotel and Resort to announce the winners. For more information on nominations, visit www.ascehawaii.org. If you have any questions, please contact Norman Leong at nleong@ascehawaii.org or Dayna Nemoto-Shima at dnemoto@ascehawaii.org.

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 Eric Tomishima, etomishima@ascehawaii.org.

ASCE HAWAII SECTION STUDENT SCHOLARSHIPS

Please help us increase our scholarship

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

ASCE GOLF TOURNAMENT

Save the date for this year's tournament, currently planned to be on Friday, August 16, 2024 at Ewa Beach Country Club.

ASCE JOB LISTINGS

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

- County of Hawaii, Department of Environmental Management Wastewater Division (Civil Engineer I-IV)
- Oceanit (Civil Designer or Senior Civil Designer)

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

Wiliki Advertisers Wanted

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

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PREVIOUS BOD MEETING

May 1, 2024 cancelled

UPCOMING EVENTS

For all events see seaoh.wildapricot.org. Look for email flyers for registration of upcoming events.

- SEAHO Annual Convention – September 26 to 28 at Aulani.

NEXT BOD MEETING

Wednesday June 5, 2024. For information, contact SEAHO President Tim Goshi at tgoshi@kaihawaii.com.

Society of SAME
American Military Engineers
Honolulu Post

P.O. Box 31218, Honolulu, HI 96817
 Web page: www.samehonolulu.org

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May: On May 22, 2024, ITE held a Technical Solutions Event in which our members learned through industry partners:

- Solutions for transportation issues and their applicability to our local environment.
- Information about existing and new technology and shared lessons learned.
- Opportunities to have technical questions answered by qualified industry professionals.

Big mahalo to those who joined us! If you feel like you missed out, you did! Please visit our website and click through this and other past event information. www.ite-hawaii.org.

UPCOMING EVENTS:

June 23-26, 2024: ITE Western District Annual Meeting in Sacramento

July 21-24, 2024: ITE International Annual Meeting in Philadelphia

August 28, 2024: ITE Section Meeting

If you would like to be informed on future ITE events or are interested in becoming a member, email Joel Thomas at joel@qrse.com.

ASHRAE Hawaii Chapter

American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. Hawaii Chapter

P.O. Box 3916, Honolulu, HI 96812-3916

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eaH June Noon Meetings are scheduled for June 7th and 21st. Detailed Program information will be available at eahawaii.org. June 21 is eaH's Annual Membership meeting Officer Installation – Group Membership Picture. One of the June meetings will be by Lee Mansfield talking story about Water and Wastewater Treatment technology. Lee is Hawaii Manager for Hawaii American Water, which operates the Hawaii Kai Wastewater Treatment plants. Lee has over 40 years of experience in this field and is a past eaH President.

The Friday May 3rd meeting had special replay of speaker Corporal Rick Angelucci of the Delaware State Police the topic was "Advanced Technologies for Diving Evidence Recovery" which he presented to eaH in December 2022. Cpl. Angelucci shared the latest and greatest in advanced technologies used in recovery operations and discussed his experiences and adventures with the recovery of items and evidence as part of criminal investigations. Cpl. Angelucci has served as a police officer/diver for twelve years including eleven years with the Delaware State Police and one year as an officer with the Honolulu Police Department.

At the Friday May 17, Speaker: Karen C. Lee Chancellor Honolulu Community College talked on Education and the Workforce, and the important role HCC provides to Hawaii students through its various programs and undergraduate courses to meet Hawaii's workforce shortages.

HWEA
HAWAII WATER ENVIRONMENT ASSOCIATION
HWEA Member Association

P.O. Box 2422 Honolulu, HI 96804
www.HWEA.org

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NEXT ASME GENERAL MEETING - FRIDAY, MAY 31ST VIA ZOOM

Wrap up current term and Senior Leadership Team election results for next 2024-2025 fiscal year. Please contact us for details at ASMEHawaii@gmail.com if interested.

REQUEST FOR SPEAKERS

ASME welcomes guest speakers to present any topic during our general meetings. If interested in presenting, please contact us at ASMEHawaii@gmail.com.

FRANCIS RHODE MONTGOMERY DESIGN COMPETITION

The University of Hawai'i Department of Mechanical Engineering Spring 2024 FRMDC was held on Friday, May 3, 2023.

The competition was organized by Dr. Mehrdad Ghasemi-Nejhad and Dr. Trevor Sorensen with UH COE and ASME support.



Website: hawaii.apwa.org

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PUBLIC WORKS CONFERENCE, JUNE 20

APWA Hawaii Chapter is partnering with the Hawaii Local Technical Assistance Program to you another exciting Public Works Conference. Topics include: road safety updates, HECO's Shift and Save pilot program, Oahu's municipal golf courses, and the updates on the City and County of Honolulu's storm water, water, and sewer fees. For more detailed information, including registration, please visit <https://hawaii.apwa.org/event/apwa-Itap-2024-public-works-conference/>.



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

HSPE Officers for 2021-2022

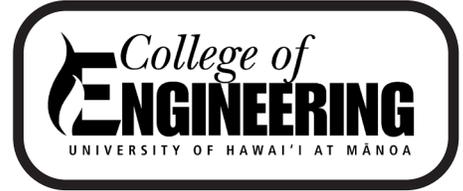
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PREVIOUS CHAPTER MEETING

Mahalo to those who joined us for a lunch & learn, 06 May 2024. Our Guest speaker Gary Paul from Protectwire, Co. Inc. gave an excellent presentation on the topic of Linear Heat Detection.

UPCOMING SEMINAR, NFPA 101: LIFE SAFETY CODE ESSENTIALS

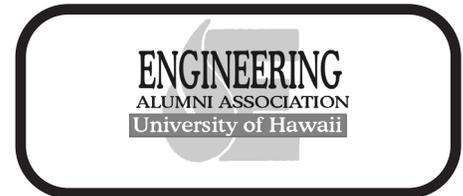
The Hawaii Chapter of the Society of Fire Protection Engineers is sponsoring an excellent two-day seminar through special arrangement with the National Fire Protection Association. As expected, this seminar has quickly sold out.



2540 Dole Street, Holmes Hall
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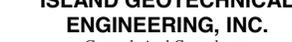
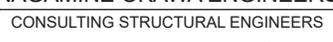
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