Hawaii PE Named 2022 FEYA Top Finalist

The Hawaii Society of Professional Engineers congratulates LTC Eric Marshall, P.E., on his honor as a top 10 finalist for NSPE’s Federal Engineer of the Year Award. He serves in the US Army Corps of Engineers, Pacific Ocean Division at Fort Shafter, Hawaii.

Marshall and the other finalists will be recognized prior to the announcement of a winner during a virtual awards event on February 24 at noon EST. The event can be viewed on the NSPE website or on NSPE’s Youtube channel.

The Federal Engineer of the Year Award, sponsored by the Professional Engineers in Government, honors engineers employed by a federal agency that employs at least 50 engineers worldwide. These nominees have made extensive contributions to their organizations and also to the public that PEs ultimately serve.

Army Engineer Directs Military Base, Support Facility Construction

During the US campaign against ISIS (Operation Inherent Resolve) from 2015-2019, LTC Eric Marshall, P.E., was the lead tactical engineer. And from 2017-2019, he served as the engineer squadron commander for US Army Special
Operations Forces, delivering all infrastructure for overseas armed conflict. His notable achievements included expeditious airfield construction, repair of C-17 capable runways, and the design/construction of semipermanent airfield facilities and more than 20 military bases. Marshall also spearheaded construction of three pumping stations along the Suwar Canal in Syria that restored water distribution from the Euphrates River, affecting more than 100,000 residents and partnering forces.

Currently, Marshall is commander of the Corps' Honolulu District, where he fuses technical and business acumen to lead complex engineering challenges. One of these addressed alternate care facilities for COVID patients on short notice, resulting in a 60-day renovation effort for Guam Memorial Hospital. As another benchmark success, he completed the final stages of a $450 million three-phased Pacific command and control facility. Moreover, Marshall led Honolulu's Ala Wai Canal flood risk management project through a difficult transition when the civil works venture realized cost overruns.

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**Hawaii Engineers Week 2022**

Members of the Hawaii Society of Professional Engineers are encouraged to Reimagine the Possible during 2022 Engineers Week! There will be various events throughout February 22-26.

**Kick Off Virtual Event**

This event will be hosted on **Tuesday, February 22** by the Society of American Military Engineers, Honolulu Post and the Hawaii Council of Engineering Societies online via Microsoft Teams (12 p.m. to 1:30 p.m. HST). The presentation topic will focus on the Shipyard Infrastructure Optimization Program with speaker RADM Dean VanderLey, Commander, Naval Facilities Engineering Systems Command, Pacific.

Register [here](#) for the event by February 22 (12 a.m. HST). Please visit the SAME website for more information.

**Engineer Career Day Events**

UH College of Engineering Spring 2022 Career Day will feature a virtual event on **Wednesday, February 23** (9 a.m. – 12 p.m.) and an in-person event on **Thursday, February 24** (1 p.m. to 4 p.m.) at the UH Manoa Campus Center Ballroom. Register [here](#).

**Engineers Week Awards Ceremony**

A virtual Engineers Week Awards Ceremony will be held on **Friday, February 25** (12 p.m. to 1 p.m. HST) featuring a keynote address by Speaker of the Hawaii House of Representatives Scott Saiki. Register [here](#) for the event.
2022 Awards Honorees

- Lifetime Achievement Award: James S. Kumagai, Ph.D., P.E.
- Engineer of the Year: Edmund Chang, P.E.
- Young Engineer of the Year: Brandon Uejo, P.E.
- Student Engineer of the Year: Penny Z. M. Loo

Access NSPE EWeek resources.

HDOT Kicks Off Red-light Safety Program Pilot with Engineering Studies

The Hawaii Department of Transportation (HDOT) is conducting engineering studies to select the intersections for a two-year pilot authorized by Act 30 (20). The goal of red-light safety cameras is to reduce lives lost in motor vehicle crashes by deterring red-light running, according to a news release.

The pilot project will begin with engineering studies at potential locations to determine whether installation of red-light cameras is feasible and can increase safety. HDOT worked with the city and county of Honolulu's Department of Transportation Services to select the potential intersections based on crash history and site suitability.

The engineering studies to select the 10 intersections for the pilot began in January and are expected to be completed in March. The studies will identify conditions that may contribute to red-light running violations and appropriate countermeasures. As the studies are completed, they will be posted to the HDOT website.

Senator Schatz Introduces Legislation to Shut Down Red Hill

US Senator Brian Schatz (D-Hawaii) recently introduced legislation to permanently shut down the Red Hill Bulk Fuel Storage Facility to protect drinking water resources.

In November, families living on Joint Base Pearl Harbor-Hickam and the Army's Aliamanu Military Reservation and Red Hill Housing reported petroleum odors coming from residential tap water supplied by the US Navy water system, according to the US Environmental Protection Agency. There were also reports of health issues arising from the contaminated drinking water.

The source of the petroleum was the nearby Red Hill Bulk Fuel Storage Facility, which contaminated the Red Hill Well. The well is the Navy's primary source for its water system.
The Senate bill follows companion legislation introduced in the US House by Representative Kaiali'i Kahele (D-Hawaii). Schatz also secured $100 million in new federal funding to defuel Red Hill as part of a short-term spending bill.

Hawaii to Receive More Than $17 Million for EV Charging Infrastructure

The US Departments of Transportation and Energy have announced the new National Electric Vehicle Infrastructure Formula Program that will provide more than $17 million in Hawaii over the next five years to fund electric vehicle charging stations statewide, according to a news release.

Nationally, the program enacted through the Infrastructure Investment and Jobs Act makes available nearly $5 billion over five years help states create a network of electric vehicle charging stations along designated alternative fuel corridors in Hawaii and nationwide.

The total amount available to states in the first year beginning with fiscal year 2022 is $615 million of which Hawaii is slated to receive approximately $2.62 million per the government's funding formula. A second, competitive grant program designed to further increase EV charging access in locations throughout the country, including in rural and underserved communities, will be announced later this year.

Stay up to date on legislative issues through the NSPE Advocacy Center.

Virtual Federal Engineer of the Year Award Ceremony
The 2022 Federal Engineer of the Year Award winner will be announced on February 24 (noon) during a virtual awards event on NSPE’s website and YouTube channel. The Society recently announced the top 10 finalists who have made extensive contributions to their organizations and also to the public that PEs ultimately serve.

The Federal Engineer of the Year Award, sponsored by the Professional Engineers in Government, honors engineers employed by a federal agency with at least 50 engineers worldwide.

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**Education Foundation Gifted $30,000 for Diversity Scholarship**

The [NSPE Education Foundation](https://www.nspe.org) is honored to announce a $30,000 donation from NSPE member Om P. Popli, P.E., P.L.S., the president and founder of Popli Design Group in Penfield, New York. This generous donation will establish a new scholarship to promote diversity in the profession by encouraging and supporting minority female students pursuing an engineering degree.

The *Swadesh and Om P. Popli, P.E., P.L.S. Scholarship* will be a multi-year scholarship, providing $5,000 each year for the recipient’s four-year education. Applicants must be a female high school senior from an ethnic minority pursuing a degree in engineering at an ABET-accredited program.

The scholarship recipient will be required to reconfirm eligibility at the beginning of each year of study via a minimum GPA and proof of enrollment. This requirement
not only establishes eligibility each year, but also serves as a continual “touch point” for the Education Foundation and the student, allowing for additional support and relationship-building throughout the student’s academic career.

**Supporting the Future of the Profession**
The NSPE Education Foundation is dedicated to fostering the next generation of engineering talent through its scholarship program. This new scholarship is a generous addition to other Education Foundation scholarships focused on creating a diverse profession. It also reaffirms the commitment of NSPE, the Education Foundation, and NSPE members to promoting diversity and tomorrow’s engineer.

A new online submission platform for the 2022 scholarships is now live. All applications must go through this platform for consideration. Students can apply for the following scholarships by **April 1**:

The *Maureen L. and Howard N. Blitman, P.E., Scholarship to Promote Diversity in Engineering* is awarded annually to a high school senior from an ethnic minority who has been accepted into an ABET-accredited engineering program at a four-year college or university.

The *Auxiliary Legacy Scholarship* is awarded annually to a female undergraduate entering or continuing their junior year of a four-year ABET-accredited engineering program.

The *Steinman Scholarship* is awarded annually to undergraduates entering or continuing their junior year in a four-year ABET-accredited engineering program.

The *George B. Hightower, P.E. Fellowship* is awarded annually to a current engineering undergraduate or graduate student who is enrolled in, or graduated from, an ABET-accredited engineering program.
Reimagining the Possible During EWeek

As a member of the DiscoverE coalition, NSPE’s mission includes outreach to young students and a call to engage, educate, and inspire more children and young adults to consider a career in engineering.

Visit NSPE’s Engineers Week web page for information and links to all of the various programs happening for this year’s celebration. This page also provides access to downloadable resources for individuals, state societies, and chapters to assist in planning and promoting events. Some of these items include program logos, ads, printable posters, and an Engineers Week Zoom background featuring the NSPE and DiscoverE logos.

NSPE will also be featuring women members/engineers on its social media channels to celebrate Girl Day (Introduce a Girl to Engineering Day) on February 24. This event is an excellent way to highlight the work and voices of female PEs to highlight them as role models for girls interested in engineering as a career. If you know of any women engineers who would be good to feature, please contact Stacey Ober or Sean Woods.