



US Army Corps
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Far East District

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STEM Career Shadow Day provides glimpse into future

By Antwaun Parrish
FED Public Affairs

The Science, Technology, Engineering, and Math (STEM) program allows school-age children to participate in learning-enrichment activities that exposes them to aspirational careers for their future.

The U.S. Army Corps of Engineers (USACE), Far East District (FED) continues to do its part in ensuring school-age children within the community are exposed to varying STEM programs throughout the school year. The district hosted a STEM Career Shadow Day March 21, where six students of Humphreys Middle School were briefed by employees on their role within the district, participated in practical exercises, and toured construction sites around the base.

Shane Kobialka, a district engineer, has been volunteering with the STEM program for the past four years. He began working with the program by volunteering to participate in the local elementary school's STEM day event.

"STEM events are designed to be educational while also being fun and interactive," said Kobialka. "By allowing our students to be hands-on, we engage their senses. Most of our

activities are designed to be repeatable at home, so whether they are learning about fluid dynamics with a hair dryer and a ping-pong ball, or structural engineering using paper cups, when the students get excited, they take these

activities to their families and repeat them, reinforcing what they have learned and hopefully developing that interest in the STEM fields."

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The U.S. Army Corps of Engineers, Far East District hosted Camp Humphreys Middle School students during the Department of Defense Education Activity (DoDEA) Science, Technology, Engineering, and Math (STEM) Career Shadow Day at the district's headquarters, March 21. The students were briefed by employees on their role within the district, participated in practical exercises, and toured construction sites around Camp Humphreys. (Photo by Yi Yong-un)



Far East District USACE Leadership Development Level 2 Program (ULDLP) selectees went through a series of obstacle courses as part of a team building activity on March 15 at Camp Humphreys. This year's Far East District participants include Choe Ye-kwon, BJ Mata, Jared McCormick, Ben Nguyen, Eden Shin and Yung Chae-ung. (Photos by Yi Yong-un)



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Check out the Far East District web site at
www.pof.usace.army.mil

STEM Career Shadow Day provides glimpse into future

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The FED is constantly engaged with contractors developing structures in multiple locations throughout the peninsula. These sites offer the STEM program a unique experience within their learning.

“For this event, we had an older group of students, so we were able to walk them through the design and construction process at an understandable level,” said Kobialka. “Being amongst so many construction sites at different completion levels, they should now be able to look at projects with a new perspective.”

Kobialka went on to state that whether the students realize it or not, every time they notice construction activity on base, it will reinforce the STEM fields and what they learned here at FED.

Although Kobialka led this event, it takes teamwork in order to execute a well-developed STEM event that supports the program’s mission of enriching student’s lives.

“I could never have pulled this off without the support of everyone involved,” said Kobialka. “Having unique perspectives from the differ-

ent branches within FED has helped to shape this successful and hopefully memorable program.

The students of the STEM program at Camp Humphreys are able to take the lessons they learn from district employees with varying amounts of experience and use that knowledge to help them construct their future.

“The goal for our involvement in the STEM program here at USAG Humphreys is to inspire youth to pursue a career in Science, Technology, Engineering and Math,” said Kobialka.



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Far East District and K water continue technical exchanges

By Stephen Satkowski

FED Public Affairs

In 2015 at the world water forum in Daejeon, Korea, the U.S. Army Corps of Engineers (USACE) and Korea Water Resources Development Corporation or K water, signed a memorandum of understanding to work together annually in the area of water resources.

Last year the two organizations decided to assist developing nations in south Asia with water resources management. That mission continued in March 2019, following a high-level meeting in February after both countries agreed to collaborate further with water-related exchanges with other nations. This led to the current joint

engagement, “enhancement of water resources management using geographical information systems workshop” in Daejeon, Korea, with engineers from the Philippines.

Dr. Jay Pak, Ph.D., P.E., Far East District’s Geotechnical and Environmental Engineering Branch chief, held a presentation with the Filipino engineers discussing applications used by the U.S. Army Corps of Engineers that alleviate and prevent flooding. These geographic information systems and software, developed and utilized by USACE in the U.S. can be applied by these Filipino engineers in their country.

“It’s excellent in content and delivery,” said Paulina A. Langan, senior engineer at the Department of Environmental and Natural Resources of the Philippines. “I find challenge in my role as senior engineer to do more in geographical information systems. I thank God I got a chance to learn through you (Far East District).”

K water and the Far East District’s joint exchanges will continue later in the month of March as Pak and his geotechnical team will visit K water’s resource center, material and environmental testing labs as they look to improve technical capacity.



Dr. Jay Pak, Far East District’s Geotechnical and Environmental Engineering Branch chief, discusses using geographical information systems to Filipino engineers during a K water research workshop March 8 in Daejeon, Korea. (Photo by K water)



Col. Teresa Schlosser (fifth from left), U.S. Army Corps of Engineers (USACE), Far East District (FED) commander and Col. Garrett Cottrell (fourth from left), USACE FED deputy commanding officer-Transformation/USDCA, along with other dignitaries, hosted a ribbon cutting and opening ceremony at the Camp Humphreys Golf Course and Clubhouse, April 1. (Photo by Capt. Rodolfo Martinez)



Brig. Gen. Thomas Tickner, U.S. Army Corps of Engineers (USACE), Pacific Ocean Division commander, and Col. Teresa Schlosser, USACE, Far East District commander, hosted a promotion ceremony for Sgt. 1st Class John Williams, at the district's headquarters, Camp Humphreys, South Korea, April 2. Williams' family along with other FED employees were present during his promotion from staff sergeant to sergeant first class. (Photos by Antwaun J. Parrish)

EEO CORNER / DIVERSITY

By Valerie Bradley

FED Equal Employment Opportunities Officer

Another Fantastic FED 2019 Observance and Awareness Event

The Women's History Month

Every year, the month of March is a time we celebrate and honor women's contributions to history. Today, Women's History Month belongs to many groups collectively everywhere. It's a time to celebrate all women's achievements and support for each other.

Congress declares March as National Women's History Month. The observance recognizing women's contributions was established by Public Law 100-9. Women have come a long way in their struggle for equality, but there is still a long distance to cover. This year's theme is "Visionary Women: Champions of Peace and Nonviolence."

Fact

Women's history was virtually an unknown topic in the K-12 curriculum or in general public consciousness. The Education Task Force of the Sonoma County (California) Commission on the Status of Women initiated a "Women's History Week" celebration in 1978.

In 1987, the National Women's History Project petitioned Congress to expand "Women's History Week" to the entire month of March. Since then, the National Women's History Month Resolution has been approved with bipartisan support in both the House and Senate.

International Women's Day is a global celebration of the economic, political, and social achievements of women, and it first took place on March 8, 1911. The United Nations (UN) has sponsored International Women's Day since 1975 in an effort to recognize the fact that securing peace, social progress, the full enjoyment of human rights and fundamental freedoms require the active participation, equality and development of women; and to acknowledge the contribution of women to the strengthening of international peace and security.

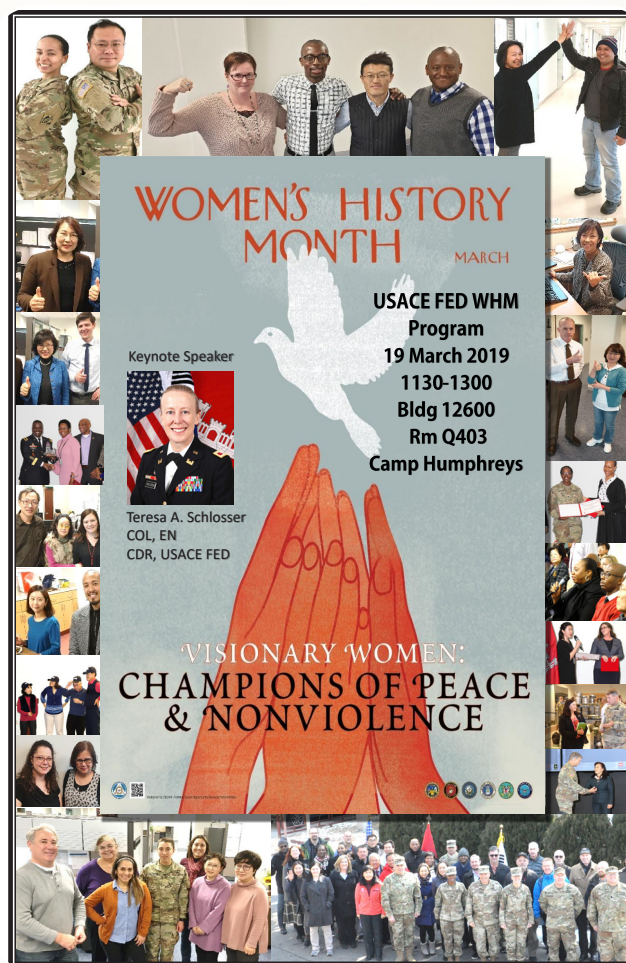
In 1970, Elizabeth P. Hoisington and Anna Mae Hays were promoted to the rank of Brigadier General, making them the first female generals in U.S. history.

Brigadier General Margaret W. Burcham became the first woman to be promoted to general officer in the U.S. Army Corps of Engineers in January 2012.

USACE celebrates Women's History Month

The USACE Far East District Women's History Month celebration was held on March 19, at the district's headquarters, with more than 80 attendees. The event's keynote speaker was Col. Teresa A. Schlosser, USACE FED commander.

Col. Teresa A. Schlosser became the 36th Commander, U.S. Army Corps of Engineers, Far East District, July 7, 2017. As commander and district engineer, she is responsible for the planning, engineering, design, and construction management series across the full spectrum of operations from armistice to contingency in support of the Department of Defense and U.S., and Korean National employees executing an overall program in excess of \$10 million.



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Col. Schlosser provided attendees an open forum to ask her questions about her experience in the military as a female moving up in the ranks.

Marley Ferguson, and Medline Tallman, both age 11 were our featured child guests, who found the courage to ask questions during the forum.



Medline Tallman (left), Col. Teresa Schlosser (center), Marley Ferguson (right).

EEO Office Support

The event was made possible through the kind support to the EEO Office. Special recognition to Master Sgt. David Montez, delivered the invocation, Spc. Trinity Colvin, an Eighth Army Band vocalist, performed the American and Korean national anthems. Thanks to Mrs. Pamela Lovasz, engineering division, Mrs. Penny Ferguson and Ms. Jessie Lindor, both from the logistics management office, and Mrs. Passmore, executive office, for volunteering their time and efforts to produce a great event.

Our next observance is the Asian American and Pacific Islander Heritage Month in May.

On the bottom: The Far East District celebrated Women's History Month with a program at its district headquarters on Camp Humphreys Mar. 19. The Eighth Army Band vocalist helped celebrate with a spirited performance. Col. Teresa Schlosser, Far East District commander was the guest speaker. (Photo by O Sang-song)





Building *Safety* Strong

ARMY SAFE IS ARMY STRONG



Don't Slip Up and Fall Down on the Job

One of bigger safety hazards we have to deal with is slips and falls. Falls always have an element of surprise. The surprise factor is what makes falls a standard comedy routine. But falls aren't at all fun when they are real. Falls are one of the leading causes of workplace injury and death. And these aren't necessarily falls from heights such as ladders or construction scaffolds. Most are falls from the same level, caused by slipping or tripping.



The main causes of slips, trips, and falls in the workplace are:

- ◆ **Poor housekeeping:** Scrap on floors, spilled liquids, equipment cluttering the aisles all of these scenarios can lead to someone slipping and falling if we simply ignore these hazards. You may think someone else will take care of it, but that may not happen in time to prevent an accident.
- ◆ **Dangerous surface conditions:** Broken or cracked surfaces, protruding nails, different elevations which are unmarked, torn carpets, loose or curled mats and slippery finishes are all hazards.
- ◆ **Insufficient lighting:** Dim or incorrect lighting, glare in areas where it is dangerous or lights which flicker or "strobe" and cause perception difficulties.
- ◆ **Inattention to tasks:** Carelessness brought on by inexperience, horseplay, fatigue or personal problems.
- ◆ **Improper footwear:** Shoes which are not properly fastened, are too big, too small, have slippery bottoms or oversized heels.

Here are some reminders about preventing falls:

- ◆ Keep obstructions out of walkways. These items are common causes of tripping accidents - stored materials, equipment, cables, cords, hoses, scrap, and trash. Keep doors and drawers of cabinets and workbenches closed.
- ◆ Keep all floors as clean as possible. Clean up any spills promptly. If this is not possible, make sure there is a barricade and sign. Place cleaning equipment in areas where everyone can find it.
- ◆ Floor coverings such as carpets, mats, and tiles should be secured to prevent tripping hazards. Report any problems you find.
- ◆ Stay under the speed limit when you are walking. Don't run in your work area.
- ◆ Make sure your footwear won't trip you up. It should fit well and have low heels. Keep your shoelaces tied. The tread should be adequate for travelling safely on slippery surfaces and in good repair.
- ◆ Properly barricade any hazardous areas such as construction zones.
- ◆ If you are carrying an item, be sure you can see over it or around it. This is especially important on stairways.



Falls aren't funny. They cause serious injuries and death. If you keep these fall prevention tips in mind, we will all be much safer. Watch your step to prevent falls.