

The U.S. Army Engineering and Support Center, Huntsville, engineers adaptive, specialized solutions across a broad spectrum of global enterprise covering five main lines of effort: Energy, Operational Technology, Environmental, Medical, and Base Operations and Facilities



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# Commander's Thoughts

I want to express my appreciation for your dedication in supporting warfighters and their families. Because of your continued efforts, we are successfully impacting the lives of those across the globe.



Col. Sebastien Joly

hope everyone had a great Memorial Day weekend. As we continue heading into summer, we see the beginning of longer days, outdoor activities, and heritage season. Heritage season includes observances like Armed Forces Day, D-Day and Fourth of July.

Throughout these holidays, I encourage you to take some time to honor the brave men and women who made the ultimate sacrifice. Not only do these days offer time for us to spend with our friends and families, but it also serves as a reminder of the sacrifices made by service members and their families.

We will be celebrating the Army and the U.S. Army Corps of Engineers birthdays soon too. The Army is one of the oldest institutions in our country. Born on June 14, 1775, when the Continental Congress established it, the Army is a year older than the Declaration of Independence and thirteen years older than the Constitution. Two days after the establishment of the Army, George Washington appointed the Army's first engineer officers of the Army on June 16, 1775. The Army established the Corps of Engineers as a separate, permanent branch on March 16, 1802.

The theme for this year's Army Birthday is "Honoring the Past, Defending the Future" and our focus is on how the Army has supported our nation and will continue to do so.

Speaking of celebrations, a lot of us have been celebrating high school and college graduations recently too. That said, I encourage you to reach out to recent high school or college graduates you may know and remind them that military service may be an option for them and encourage them to visit GOARMY.com to learn more about serving in the Army. I was proud to see that 3% of the graduating class at Bob Jones High school was entering the service. That's three times the national average!

I can tell you from first-hand knowledge that the Army provides a stable career with competitive pay and benefits, as well as opportunities for travel, education, and leadership experiences. If the recent graduate isn't interested or capable for uniformed service, remind them that the Army is also hiring civilian positions too.

Earlier last month, the Army launched its first marketing campaign focused on Army Civilian careers. The campaign was created to raise awareness about the diverse career opportunities for Army Civilians. The campaign demonstrates how candidates can bring their existing skills and abilities to an Army Civilian career. Recent graduates interested in Army civil service can

visit ArmyCivilianCareers.com for information on how to become an Army Civilian. There are more than two hundred jobs for Soldiers and more than five hundred jobs for Army Civilians from which to choose. If one wants to find a purpose and pursue a passion, one can do that in the Army through a wide range of interest areas.

I want to take a minute to send congratulations to our recent Employees of the Month, Janelle Peterson, Resource Management directorate, (April), Waldo Battle, ACE-IT, and Eva Carvalho, Office of Council (May). Janelle, Waldo and Eva have done outstanding work here at the Center. Work so good, that their supervisors wanted them recognized.

To Janelle, Waldo and Eva, I send a sincere "thank you" for the effort you all put in to make the Huntsville Center team strong.

My last topic is one I feel strongly about because I've seen up-close what comes from its results.

The Federal Employee Viewpoint Survey (FEVS) is open as of May 20 and closes July 5. The FEVS, administered by Office of Personnel Management, is an annual governmentwide survey that measures federal employees' perceptions of critical work-

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#### **Throwing heat**

With mascot Sprocket providing encouragement, Col. Sebastien Joly, **Huntsville Center** commander, throws out the ceremonial first pitch at the Rocket City Trash Pandas' Armed Forces **Appreciation Night** game May 11 at Toyota Field in Madison, Ala. More than 50 Huntsville Center employees and their families members and friends represented **Huntsville Center at the** AA Southern League game which saw the Trash Pandas defeat the Mississippi Braves 6-1.

Photo by Lillian Putnam

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life areas driving employee engagement, satisfaction, and retention across the workforce. The survey is anonymous as Army and Department of Defense offices or individuals do not have access to data on how employees responded to the survey.

I strongly encourage full participation in the 2024 FEVS. The results are used by senior leaders to increase employee

engagement across the Army. Our brand-new facility is a direct result from the feedback we received from this survey, so please participate. All Army Civilians will be eligible for the 2024 survey except for political appointees, contractors or Civilians hired after Nov. 30, 2023.

I want to express my appreciation for your dedication in supporting warfighters and their families. Because of your continued efforts, we are successfully impacting the lives of those across the globe.





Photos by Chris Putman

An excavator separates material at Huntsville Center Facility Reduction Program project site at Fort Stewart, Georgia. The Center's FRP is an eco-friendly program ensuring building materials are recycled.

# Facility Reduction Program best in class for feds

#### By William Farrow Huntsville Center Public Affairs

he U.S. Army Corps of
Engineers has a robust military
construction program to
build Army and Air Force facilities
worldwide. Huntsville Center has a
hardy program to tear them down.

Huntsville Center's Facility Reduction Program (FRP) received Best in Class (BIC) certification from The Office of Management and Budget (OMB), with the support of the Government-wide Category Management Program Office.

Scott Barnhart, FRP project manager, said OMB's BIC designation identifies government-wide contracts that satisfy key criteria defined by the Office of Management and Budget (OMB).

"Best-in-Class solutions are vetted, well-managed, and recommended—and in some cases required—for use (by other federal agencies)," Barnhart said.

Huntsville Center's FRP procures and centrally manages commercial

demolition services. The program currently maintains five regional multiple award task order contracts (MATOCs) for abatement and demolition services.

Barnhart said interagency teams designate BIC contracts to reduce the amount of effort individual buyers spend finding and researching acquisition solutions.

"Sharing of government-wide buying data leads to better-informed business decisions," Barnhart said.

"Widespread adoption of Best-in-Class solutions maximize the government's shared purchasing power, allowing agencies to leverage volume discounts.

The classification also assists agencies to operate more efficiently by reducing administrative costs and contract duplication."

Although the FRP has less than half dozen project managers, they are dependent on small business around the country to carry out the mission of demolishing excess or dilapidated Army, Air Force and other federal agency real property throughout the Continental United States (CONUS), Alaska, Hawaii, U.S. territories and possessions.

"Our MATOC contractors include seven Small Businesses (SBs) and eight Other Than Small Businesses (OTSB). Additionally, FRP remains committed to utilizing small business contracts for the pre-demolition on facility characterization on studies associated with the projects," Barnhart said.

However, the real value of FRP is fast-track, efficient methods for demolishing excess facilities.

"The FRP allows commands to reduce excess real property to realize savings through the reduction in energy usage and maintenance costs," Barfield said.

Barnhart and the FRP team assist with project development, validation of requirements, acquisition of environmental surveys for asbestos-

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# Facility Repair and Renewal program completes first project for Washington Headquarters Services

#### By William Farrow Huntsville Center Public Affairs

untsville Center Facility Repair and Renewal (FRR) program recently completed its first project for the Washington Headquarters Services (WHS) at the Pentagon.

The project converted a decommissioned server room at the Pentagon into a 2,100 square feet Sensitive Compartmented Information Facility (SCIF) suite for U.S. Space Command (USSPACECOM).

The suite meets the latest security standards containing the director's office, conference room, Special Access Program office, open areas with cubicles a small galley and a pantry.

Leadership cut the ribbon on May 17 with Gen. Stephen Whiting, U.S.



Space Command commander, and Stephen Bruch, WHS-FSD deputy director, expressing their appreciation the Huntsville Center team on a job well done.

The FRR Project Development Team (PDT) consisted of: Darren Mulford, branch chief; Ryan Carman, program manager; Audrey Maack, contracting officer; John Crutcher, administrative contracting officer; Hykeem Walker, contract specialist; Joe Fentress, Safety Specialist; Seth, Johnson, Office of Counsel; Denise Terry, project management specialist and Joseph Abrego, project manager/ contracting officer representative.

Abrego said the project was a concerted effort between WHS and FRR, and the integration of the two entities required deliberate communication and planning to take advantage of the strengths of each entity.

"The combined effort and synergy that formed over the course of the project facilitated the success of the team in overcoming challenges presented by unforeseen conditions, multiple personnel changes, and a struggling contractor," Abrego said.

The FRR program is available to all USACE districts, centers and their customers as part of the command's "One Door to the Corps" policy.

# FRP \_\_\_\_\_ From Page 5

containing and other regulated material, as well as abatement of identified regulated materials, demolition, and restoration of the site for follow-on use.

By utilizing a regional MATOC contracts and a matrix project delivery team (PDT), FRP can streamline the demolition process and provide low-cost, quick response demolition service contracts. This approach provides a competitive acquisition, with technically qualified contractors.

Stanley Preuett, Joint Munitions Command, Milan Army Ammunition Plant Milan AAP) industrial engineer and real property accountable officer (RPAO), said over the past two years, FRP completely demolished 45 buildings totaling 107,952 square feet at Milan AAP, Jackson, Tennessee.

"The program staff were professional and responsive in getting contracts awarded on a tight schedule and monitored project performance to ensure Performance Work Statement (PWS) requirements were met acceptably, on schedule, and within budget."

Although FRP specializes in facility reduction, the program also removes trees and vegetation, parking lots, sidewalks, and roadways.

The program also ensures utility disconnection, removal

and rerouting as well as removal of above or underground storage tanks. The program is eco-friendly too as it ensures recycling of building materials and site restoration.

Abatement services includes environmental assessments, abatement of facilities contaminants (i.e., lead, asbestos, chemicals, polychlorinated biphenyls and petroleum byproducts), redirection of debris waste streams, hazardous and non-hazardous debris transportation, environmental sampling, and proper disposal of regulated materials.

"By combining abatement with demolition, the Government ensures a more efficient, safe and environmentally compliant demolition," Barnhart said.



An excavator loads material into a truck for removal at a Huntsville Center Facility Reduction Program project site at Fort Stewart, Georgia.

# ESS begins second phase of testing Al security systems at Blue Grass Army Depot

By Lillian Putnam

Huntsville Center Public Affairs

untsville Center Electronic Security Systems program, alongside other organizations through the Army Physical Security Enterprise and Analysis Group, is leading the effort to test Artificial Intelligence integration into existing security systems at Blue Grass Army Depot, Kentucky.

The system is designed to improve the existing security measures by detecting a wide range of threats, including intruders, weapons, fights, fires and even behavioral anomalies.

Milestone two of testing began May 14 to test AI integrated security systems for area detection in areas with dense vegetation and near the perimeter with traffic in the background.

"We are utilizing AI for the first time in intrusion detection," said Leigh Young, Huntsville Center's Electronic Security Systems Mandatory Center of Expertise lead engineer.

"We've used analytics on video streams previously, but using AI is more dynamic."

The AI integration aims to provide real-time alerts and details for emergency situations to reduce response times and improve overall safety for the installation.

"This will significantly help us narrow down nuisance alarms and reduce response times for security operators," Young said.

After testing the feasibility of the integration of AI in milestone one to accomplish intrusion detection against a traditional detection methodology, milestones two and three will test the extent of what AI can be utilized for throughout security measures.

This includes testing the deployment of AI-enhanced drones and radar systems designed to bolster defense capabilities and ensure the safety of personnel and assets.

"This was an eye-opener regarding physical security equipment modernization with the interoperability of commercial off-the-shelf systems and ability to detect weapons," Jon Guba, Huntsville Center project engineer, said.

The drones will be equipped with high-resolution cameras to autonomously patrol the depot's perimeter, providing aerial surveillance and filling in gaps of coverage.

"Incorporating radar systems and drones will provide another means of detection that way operators would have a more accurate depiction of situations to better strategize responses," Young said.



Courtesy photo

The goal of the new AI-enabled radar is to better differentiate between various objects, such as distinguishing between wildlife and human intruders.

Young elaborated on the learning capability of AI, "One of the benefits of using AI is that it continuously learns. It knows what a car looks like compared to a person or animal."

"As it continues to learn, we can refine its knowledge to determine typical activities from unusual behavior. That is something we have never been able to teach the traditional sensors."

The project is estimated to continue testing for another three to five years.

"We're working to develop criteria for questions like how scalable it is, what the long-term costs will be, how well does it interact with different systems," Young said.

"Chris Willoughby, Joint Munitions Command ESAS manager, was the brainchild behind the project and his work has been instrumental in enhancing security efforts for Blue Grass Army Depot."

This initiative is part of a broader Army effort to modernize and actively pursue the integration of AI across various domains to improve operational effectiveness and readiness.

"Our testing team, Blue Grass Army Depot Electronic Security Systems, and Huntsville Center's Electronic Security Systems Mandatory Center of Expertise have done a phenomenal job reaching out to technology leaders and getting headquarters' to be involved. I truly believe it has opened everyone's eyes to new technology and advancing our security posture with this type of technology," Willoughby said

Young explained the importance of pursuing the use of new technology, "The Army's modernization strategy and this effort emphasize the importance of using new technology to maintain a competitive edge and enhance national security."



Photos by Chris Putman

Furniture procured by Huntsville Center's Furnishings Program fills the largest child development center in the Army at Fort Wainwright, Alaska. The new child development center will accommodate up to 338 children under five years old, significantly increasing the childcare capacity on the installation and improving the quality of life of Soldiers and their families.

# Huntsville Center designs, furnishes Army's largest child development center

By Lillian Putnam
Huntsville Center Public Affairs

untsville Center designed and f Huntsville Center designed and procured furniture for a new state-of-the-art child development center at Fort Wainwright Fairbanks, Alaska. The largest CDC in the Army is set to unveil June 4, marking a significant milestone in providing highquality childcare services to families in the region.

The new facility represents a growth in Huntsville Center's capabilities and significant investment in the welfare of families stationed in the rugged Alaskan interior.

Michael Johnson, Huntsville Center architect, detailed how the project for Huntsville Center's customer, Installation Management Command G9 Child and Youth Services, determined the need for the establishment of new team to develop and enhance an outdated standard design furniture package for this CDC and future facilities.

"Huntsville Center's Architecture Branch Center of Standardization (COS) pioneered the development of a Standard Design Furniture Fixtures and Equipment procurement package beginning in 2021 as an effort to meet the Installation Management Command G9 Child and Youth Services' need for a turnkey CDC facility," Johnson said.

"The collaboration with Huntsville Center's Interior Design Branch and Furnishings Program in anticipation of this project's completion and a wave of new CDC facilities being built around the globe, is a prototype for all Army COS Standard facility type furniture procurement packages."

Jennifer McDowell, Huntsville

Center Centralized Furnishings Program project manager, explained how this effort is the first of many CDC furniture packages to come out of Huntsville Center.

"Huntsville Center was able to procure the furniture for Wainwright's CDC, and in upcoming projects, our team will have a greater impact on the design of the furnishings," McDowell said.

"Design Services is working with the COS on the development and maintenance of furniture, fixture and equipment standards, which will become furniture procurements out of Huntsville Center's Centralized Furnishings Program for the Army's future CDCs. They will also provide design reviews of CDC designs

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prepared by the responsible district."

Huntsville Center is one of nine Centers of Standardization established by the Director of Military Programs in March 2006. Huntsville Center is the COS for CDCs for infants to children six years old, CDC for ages six to ten years old and youth centers for middle school youth and teens, among other facility types.

Johnson further detailed the team effort for the multi-year process.

"The Army's construction process is a five-year effort from planning, to design, through construction. Due to the CDC being a design-build facility and the tight schedule, the COS led the effort to finalize the standard furniture procurement package and furniture fixtures and equipment package design reviews."

The Center's COS supported the development of the Army standard, standard design and standard criteria, while providing design oversight and construction support to USACE districts involved in the construction of the new 43,623-square-foot CDC and 38,311-square-feet of outdoor play area.

She explained how the building had to be uniquely tailored to meet the needs of children ranging from infants to prekindergarten, ensuring a safe, nurturing and educational environment.

"Most of the projects we work on focus on the Soldier, but for this project the team prioritized the care of the enduser – the children and staff," Johnson said.

"The design and furnishings really kept the children in mind to create an environment to support learning, growth and development."

Johnson specifies some of the adaptations to the standard design required for the one-of-a-kind CDC.

"We had to adapt the standard design to meet some of the unique requirements due to the extreme climate. Some of those included arctic entries, brighter color palettes and a large multipurpose room."

The 4,000-square-foot multipurpose space was added to provide a safe place for activities during cold, dark winter days as well as a safe location for evacuation emergencies in extreme weather conditions.

The new child development center will accommodate up to 338 children under five years old, significantly increasing the childcare capacity on the installation.

Carol Athnos, Interior Design Branch design services lead, said after talking to staff of the new CDC, this expansion is particularly crucial given the remote location where access to quality childcare services can be limited.

"Based on conversations with the staff, finding childcare



Furniture procured by Huntsville Center's Furnishings Program fills the largest child development center in the Army at Fort Wainwright, Alaska. The 4,000-square-foot multipurpose space was added into the design to provide a safe place for activities during cold, dark winter days and wildfire smoke-filled summer days.



Huntsville Center's Architecture Branch Center of Standardization (COS) pioneered the development of a Standard Design Furniture Fixtures and Equipment procurement package

can be challenging for soldiers and the families stationed there. The new facility will offer another choice and help improve their quality of life," Athnos said.

The child development center design is aligned with larger Army priorities of quality-of-life improvements for servicemembers and their families.

The Army-wide initiative focuses on enhancing infrastructure and services on military bases across the country to increase the quality-of-life for Soldiers, civilian employees and family members.

"The Center's COS team is proud to answer the call of our customer's needs in support of the Army's mission in providing soldiers a better quality of life," Johnson said.

## Micro-grid certification enhances energy programs

By William S. Farrow Huntsville Center Public Affairs

Huntsville Center program implemented a certification process April 1-4 ensuring expertise among Center project managers working to deploy microgrids at military installations around the world.

Huntsville Center's Energy Resilience and Conservation Investment Program (ERCIP) is a subsection of the Defense-Wide Military Construction (MILCON) program specifically intended to fund projects that save energy and water, reduce energy costs, improve energy resilience/security, and contribute to mission assurance.

The Center's ERCIP currently has nine micro-grid projects in construction, 46 projects in the design process, and 48 potential projects coming their way.

Micro-grids are local electrical systems operating independently from the grid during times of emergency response. A microgrid also can reduce costs by providing grid services to the regular utility provider, such as demand response and frequency regulation. Brandy Wilkerson, ERCIP program manager, reached out to industry-leading training provider TONEX, to guide instruction leading to the certification of 18 Huntsville Center project managers.

TONEX was recommended to Wilkerson by co-workers for successful training sessions in the past. Wilkerson said the training did not disappoint.

"TONEX was very thorough and open to adjusting training topics on the spot to tailor to our specific program," she said.

"Also, TONEX is very hands on and included many tools to allow the students to perform calculations to understand sizing of micro-grid systems."



File photo

A Huntsville Center project in 2018 installed solar panels at Redstone Arsenal. The panels were designed and installed to connect to a micro-grid and contribute to the overall energy security of the installation. Huntsville Center recently implemented a certification process April 1-4 ensuring expertise among the Huntsville Center project managers working to deploy micro-grids at U.S. military installations around the world.

Wilkerson said the certification process for ERCIP personnel means stakeholders are assured the microgrid planning and design team received extended training to scope and make recommendations ensuring the installation is properly sizing their equipment.

The ERCIP Validation Program – the Army's ERCIP requirement development experts – provides planning and technical support to the Army by validating all ERCIP projects before they are submitted to the Office of the Secretary of Defense to compete for funding.

Huntsville Center validates project definition, technical feasibility, appropriate technology, estimated energy savings, and associated Life Cycle Cost Analysis (LCCA) by calculating the Savings to Investment Ratio (SIR) and payback years through a comprehensive process.

"This certification is giving the taxpayer assurance that the federal government is obtaining training to do the best at their job as possible with the least amount of time and funding,"

Wilkerson said.

The objective of the training was microgrid planning, design, reviews and implementation efforts to assist project managers and technical staff during project development.

"The training focused on components of the micro-grid controls, energy management systems (SCADA), and various modes of operations," she said.

Wilkerson said the instructor placed a huge emphasis on different energy storage solutions (besides batteries), cybersecurity and commissioning efforts. Dominic Ragucci, ERCIP project manager, said the hands-on portion of the training was beneficial, as it allowed students to determine sizing components of a micro-grid using several factors such as load profiles, renewable energy sources, battery capacity and grid interaction.

"We were able to use multiple algorithms such as Capital Expenditure (CAPEX) and Levelized Cost of Energy (LCOE) to determine projects resilience and cost savings effectiveness," Ragucci said.





Courtesy photo

Will Casey, Luminace contractor, right, conducts training at the first solar array fire safety training session at Fort Campbell, Kentucky. Huntsville Center is leading efforts to build more best-practices and training courses as there are limited industry standards and training currently offered to address solar array fires.

#### Huntsville Center conducts solar array fire safety training

#### By Lillian Putnam

Huntsville Center Public Affairs

untsville Center led training focused on providing best practices for installation firefighters to address challenges with solar panel fires.

The first of its kind training, held at Fort Campbell, Kentucky in late February, was facilitated by Jacob Morrison, Utility Energy Services Contracting project manager, and Kyle Shireman, safety manager.

"The Solar Fire Safety Training is, as far as we're aware, the first time Huntsville Center has done anything like this, and will likely not be the last," Morrison said.

"The training is geared towards giving firefighters best practices then pointing them to other resources about fire safety around solar panels and lithium batteries."

Huntsville Center is leading the effort to build more best practices and training as there are limited industry standards and training currently offered.

Morrison said regulations are not keeping up with the pace with the progress of technology and implementation.

"Currently, there are not a lot of industry standards yet, so there are not trainings set in place. That is why the fire department reached out to our team to create and conduct the training" he said.

Morrison explained how this training is an important part of fire safety now that some solar arrays are beginning to see more complications arise with age.

"Solar technology has now been around long enough that solar arrays across the country are seeing deterioration and (occasionally) fires break out. The chemicals and metals in solar arrays and batteries present unique challenges for firefighters, so trainings like this are critical to helping them in the field."

More than 20 participants attended the training session,

including firefighters and professionals from the office of director of public works.

"With the collaboration of all entities involved; it allows us all to be better prepared and educated on the current and future solar farms on our installation," said a participant in the training, Wesly Lafortune, Fort Campbell Fire and Emergency Services district chief.

Not only did the training offer participants with best practices for combating solar array fires, but it also provided guidance for when other issues arise.

"If the fire departments on installations are better able to respond to emergencies involving solar arrays, then they are better able to support the technology that supplies energy to installations," Morrison said.

Huntsville Center's Energy Division is directly involved with initiatives set in the Army Climate Strategy (ACS). Efforts involving solar arrays and microgrids are crucial for the continuation of building energy resilience and meeting goals designated by the ACS. The ACS states "the Army will build on its current progress in areas such as vehicle fuel efficiency and electrification, operational power generation, battery storage, land management, procurement, supply chain resilience, and workforce development.

The Army will continue to reduce consumption of energy and other natural resources to improve operational readiness and modernization while adapting to and mitigating current and future climate threat."

Morrison elaborates on the importance of this work for today and in the future.

"Maintaining solar arrays that feed into micro-grid systems are important for resiliency, which is a high priority for this administration," Morrison said.

"Seeing that these systems are safely able to continue on into the future is imperative for the safety and security of our installations here at home and abroad."



File photo

Employees receive facility construction updates before getting a first-hand look at Huntsville Center's new facility at Redstone Arsenal during a walk-through tour in 2023. Huntsville Center's Special Projects Program, an unconventional, service-oriented program, provided integral support for Huntsville Center personnel relocation to 300 Redstone Gateway.

#### Special Project Program provides key support to USACE, Huntsville Center

By William S. Farrow Huntsville Center Public Affairs

untsville Center is very involved in national security initiatives and as the needs of the nation change, so does Huntsville Center.

However, there is a small program that is designated to accommodate any changes Huntsville Center leadership may require.

Huntsville Center's Special Projects Program (SPP) is an unconventional, service-oriented program with three key focus areas: Center support that entails supplying services and supplies for the executive office, directorates, and support offices; training via award of PROSPECT course contracts for the USACE Learning Center and true "special projects," which are customer requirements that do not fit in any existing Huntsville Center program.

Alonzo Andrews, SPP manager, said the program generally supports the Center through a wide variety of awards of miscellaneous Center-impacting contracts, necessary for the continuity of day-to-day operations.

"Most contracts awarded are cradle to grave and have a direct impact on the functionality of Huntsville Center," Andrews said.

"In other words, we keep Huntsville Center running."

Example contracts, Andrews explained, include: security assistant (common access card) support services, guard force services, records management services (engineering data tasker support), shipping and delivery mail services, logistics management support services, internal support services, contracting support services, contracting scanning services, facility support services (project management, contracting, and administrative services), installation support project management training, installation support scheduling support services, buildout of secure space (organic capability to electronically receive and transmit classified information), physical move contracts and consumables.

The SPP was essential in leading the build-out of Huntsville Center office space at 4820 University Square and surrounding office suites. The SPP also led the internal buildout and movement of 475 Quality Circle, in addition to integral support for the realization of all Huntsville Center personnel relocation to 300 Redstone Gateway.

Andrews said unlike many of Huntsville Center's programs working off Multiple Award Task Order Contracts (MATOCs) or Single Award Task Order Contracts (SATOCs), SPP is where customers go when they aren't quite sure how to get what they need.

"They only know that they need or want it, and there isn't another acquisition vehicle to get them the desired end result."

In order words, Andrews said, most customers know what they ultimately want, whether supply or service. However, they are challenged to

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A word of thanks

Photo by Lillian Putnam

Col. Sebastien Joly, Huntsville Center commander, offers words of thanks to Fuels Program's Tracy Helmick, Ken Salter and Lisa Gates for their dedication on the Red Hill, Hawaii, repair and defuel mission before presenting them with commander's coins and certificates of appreciation for their hard work throughout the high-visibility project. Others members of the team that were recognized, but are not pictured, include Jesus Ramirez-Rodriguez, Derrick Slaughter, Darcy Hackler, Keith Southard, Wes Trammell and Chad Braun.

#### SPP

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articulate succinct and quantifiable requirements.

"This is where SPP shines," Andrews said.

Huntsville Center project managers routinely engage and work with customers and stakeholders to develop requirements and provide end-to-end, cradle to grave, pre and post award acquisition support, Andrews said.

Over 95% of all SPP contracts awarded are stand-alone and unique to the internal or external customers; however, they maintain few Indefinite Delivery Indefinite Quantity (IDIQ) contracts.

"Typically, when SPP receives a customer requirement, we canvass the entire Huntsville Center to see if the requirement is redundant or is a better fit into one of Huntsville Center's more than 40 programs. If the requirement is redundant, we will leverage that acquisition vehicle, and if not, it is

truly a special project that the PDT will formulate and execute," Andrews said.

Special Projects is oftentimes the first interaction an external customer has with Huntsville Center outside of senior leadership when they have unique, time-sensitive requirements. Examples are: renovation for U.S. Army Corps of Engineers (USACE) South Atlantic Division (SAD); and a project for the Department of Defense High Performance Computing Modernization Program (HPCMP), which led to the formation of a new USACE product line, the Information Technology Services program (the former Facilities Technology Integration Division). In addition, Andrews said, there have been times when a Huntsville Center program will not have the resources to support a new initiative or award, such as an Indefinite Delivery Indefinite Quantity (IDIQ) contract.

"If a program manager can't execute their expected workload due to program growth, that's when Special Projects

steps in to contract for additional support and leverages that program's project delivery team (PDT) expertise to meet the needs of the customer, while the program continues to focus on other requirements," Andrews said.

"The SPP does not have a designated lead engineer, but that is because requirements and expertise required to support the requirements vary from customer-to-customer."

Laura Beth Quick, acting deputy to the Huntsville Center commander, said SPP is a "jack of all trades" program.

"Keen Center-wide awareness of programs and their contracts, people, and capabilities are what makes Special Projects successful," Quick said.

"They are there to provide that extra support and take care of those unique requirements that are outside of a program's parameters."

"Whatever the future holds, we will figure out how to get it done," Andrews said.

#### Furniture program supports Marine Corps quality-of-life improvements

By William S. Farrow Huntsville Center Public Affairs

ord of mouth has led to
Huntsville Center Furniture
Program gaining a
new customer.

The Marine Corps Installation
Management Command (MCICOM)
learned of Huntsville Center's
Centralized Furnishing Branch via
an employee that formerly worked
for Commander, Navy Installations
Command (CNIC), one of the Center's
furniture program's largest barracks
furniture customers.

The MCICOM was soon reaching out to Huntsville Center for an initial requirement set at \$20 million, with 25 contract actions providing much needed replacement of outdated barracks furniture at 90% of all MCICOM locations, resulting in quality-of-life improvements for unaccompanied Marines living in barracks.

Mitch Jackson, Furnishings Program project manager, said after initial discussions were held with MCICOM leadership concerning centralizing their furnishings program, Huntsville Center's track record of success in procuring long lasting furniture resulted in MCICOM committing to utilizing the Furniture Program for their newly established procurement process.

"The Marine Corps ask us to assist them in establishing a standard for all of their five barracks types," Jackson said.

"These standard items include barracks room furniture such as beds, mattresses, wardrobes, and desks. Lounge areas will receive a combination of lounge seating and tables, televisions, and other recreational items such as pool tables, along with appliances they will receiving for both in-room and common area use."

However, bringing MCICOM in as a customer was not a simple task.



Courtesy photo

Mitch Jackson, standing, provides training on an online furniture ordering system to Marine Corps Installation Management Command employees at Camp Pendelton, California. Jackson travelled to Marine Corps Installation Command regions for face-to-face training with the customers who will be purchasing replacement furniture for Marines living in unacompanied barracks.

To place furnishings orders, an online ordering system had to be stood up and deployed quickly and training to operate the ordering system fell upon Jackson's shoulders as Headquarters MCICOM requested training as the project is a complete revamp of the Marine Corps policy and procedures for purchasing furniture.

"It is a basic course on the Centralized Furnishings Program -who we are and how we operate. It also provides some clarity as to why we do things in a particular way," Jackson said.

The training included the operation and use of the newly developed ordering systems, a complete review of new processes and procedures for ordering furniture.

"This ordering system is like the order system for the other services we support, but is tailored to the Marine Corps specific needs," Jackson said. The largest challenge to this project, Jackson said, is simply changing the way MCICOM procures furniture.

"Our processes and procedures on the centralized furnishings program

are pretty straightforward and simple, but no matter how simple anything is, people don't like change," he said.

The attendees were from all installation that fall under MCIOCM in each region the command serves. Three classes were taught, one session for the East Region at Quantico, Virginia, another for the West Region at Camp Pendleton, and the last for Japan Region at Okinawa's Marine Corps Camp Foster.

Matt Chambliss, MCICOM unaccompanied housing analyst at Quantico, said the on-site training was very beneficial in that it allowed attendees to interact with Jackson.

"The training allowed us to understand the intricacies of the ordering system and allowed us to ask question right then, which is a lot better than reaching back for solutions via email or phone calls," Chambliss said.

"That Mr. Jackson came to us and met with us with face-to-face training shows a real dedication to the program and to the customer."



# Huntsville Center emphasizes safety leading into June's National Safety Month

By Lillian Putnam
Huntsville Center Public Affairs

ith June's National Safety Month quickly approaching, Huntsville Center employees expanded their safety knowledge by taking the Occupational Safety and Health Administration 10 training course to improve understanding of safety measures for a variety of scenarios.

The training was conducted over two days, May 8-9, and was led by Todd Lewis, Huntsville Center safety and occupational health manager, with guest speakers Ben Bailey, Huntsville Center safety and occupational health manager and Charles Harris, Huntsville Center safety specialist.

"The training teaches participants general situational awareness about identifying and preventing workplace and construction site hazards. It lays the foundation for an effective safety culture within our organization," Lewis said.

Army Civilians are encouraged to engage in opportunities for continuous training and leadership development to elevate their skills and optimize the total force's effectiveness. Lewis said there is a need for trainings to ensure safety procedures are followed when situations arise.

"Our partners in the industry are guided by OSHA and Engineering Manual 385 regulations. It is our duty to understand those elements to guarantee we are delivering the safest, lowest risk, hazard free solutions to the problems and situations we encounter as we engineer the Nation's toughest challenges." he said.

The 15 course participants included professionals from across a variety of disciplines including contracting, cybersecurity, munitions, engineering and more.

"I really enjoyed the course and found the training quite informative. I would recommend this course to everyone," said Santiago Mardis-Vidaurri, administrative technician and participant.

The course focused on four main components of safety hazards: electrical, falls, struck by, caught in-between. Instructors reviewed OSHA regulations, proper personal protection and lifesaving equipment and arc flash safety, among many other safety protocols.

"It was important for me to take this course for self-awareness in my professional and personal life. I enjoyed learning about topics that will help my safety throughout my day-to-day," Mardis-Vidaurri said.

Participants were able to don personal protection and lifesaving equipment, fall protection gear, and utilize Virtual Reality testing to replace the final component of a site



Photo by Lillian Putnam

Todd Lewis, Huntsville Center safety and occupational health manager, demonstrates protective fall gear with Arron Neu, Medical Repair and Renewal project manager an Occupational Safety and Health Administration 10 training course at the USACE Learning Center.

visit review.

"Utilizing VR to conduct hazard recognition means we are in a controlled environment not actually in any real danger, and it fosters large group engagement with a spark of technology. It is a huge leap into the modernization of USACE," Lewis said.

Not only did the course offer participants with safety procedures for construction sites and workplace environments, but it also provides safety practices for work at home.

"Teaching Huntsville Center personnel about hazard and risk analysis shifts the culture to a proactive force that values safety in all we do, not just at work," Lewis said.

Huntsville Center has conducted 10 safety trainings so far this fiscal year, three being OSHA 10 courses.

The Safety Office offers the following trainings quarterly: OSHA 10 hour, Hazwoper, CPR/First-aid, Blood Borne Pathogens and Arc Flash Training.

If you are interested in becoming OSHA certified or taking another safety course, contact the safety office.

## Partnership encourages minority opportunities

By William S. Farrow Huntsville Center Public Affairs

artnerships between the U.S. Army Corps of Engineers (USACE), Huntsville Center and Alabama A&M University (AAMU) are reinforcing cooperative efforts to enhance opportunities for minority students attending the public, historically black, land-grant university located on the outskirts of Huntsville in Normal, Alabama.

A "refreshed" partnership agreement with the University's Department of Civil and Mechanical Engineering, originally established in 2003, provides a collaboration aimed at promoting diversity while developing AAMU engineering students' expertise.

Another partnership involving USACE, Huntsville Center and AAMU is currently in the works for a similar partnering effort for the university's Urban Planning program.

Recent efforts to revitalize and develop the agreements underscore a commitment to enhancing the relationship in a way that aligns with current capabilities and expertise, said Laura Beth Quick, Huntsville Center's civilian deputy to the commander.

"We recognize that a workforce comprised of diverse, high performing individuals is critical to providing exceptional service to our customers, especially our soldiers and their families," Quick said.

Although she is serving as Huntsville Center's deputy commander, Laura Beth Quick was Huntsville Center's human capital chief for several years.

"This agreement is consistent with the goals outlined by the Advancing Minorities Interest in Engineering (AMIE) partnering agreement between USACE and AMIE, and the existing agreements between Alabama A&M University and Huntsville Center."

The involvement of AAMU alumni Curtney Walters and Justin Colar, both Huntsville Center engineers, highlights a direct impact and connection between the university and the USACE.

Colar said the revitalized engineering agreement is supported by key figures Wade Doss, Huntsville Center engineering director, Hank Thomsen, Chief of Cost & Systems Division and Chad House, Chief of Facilities Systems & Sustainment Branch.

The partnership seeks to bolster the engagement through several key initiatives aimed at directly benefiting students and the broader engineering community.

Doss said offering employment opportunities to students is a critical component of the agreement, providing a pathway for upcoming engineers from AAMU to engage



Photo by William Farrow

Alabama A&M University alumni Justin Colar, left, and Curtney Walters, both Huntsville Center engineers, played a role in "refreshing" a partnership agreement with the University's Department of Civil and Mechanical Engineering. The collaboration promotes diversity while developing AAMU engineering students' expertise. with USACE.

"Additionally, the arrangement is for Huntsville Center to provide visiting lecturers and advisers for senior and graduate design projects enriches the educational experience with practical, industry-relevant insight."

Doss said the involvement in the engineering advisory board by Colar and Walters further cements the bridge between academia and the engineering industry, fostering an environment where knowledge and experiences are shared for mutual benefit.

"This revitalized agreement supports the objectives of the Advancing Minorities' Interest in Engineering (AMIE) agreement between USACE and AMIE, aiming to enhance representation and diversity within the engineering sector." Doss said.

Doss said the value of a diverse workforce enhances USACE and Huntsville Center capabilities.

"This partnership not only seeks to augment the educational and professional opportunities for AAMU students, but also aims toward making substantive impacts on the diversity of the engineering workforce at the Huntsville center," he said.

Doss said the agreement embodies a strategic approach to development, inclusion, and collaboration that benefits both institutions.

"Diversity fuels innovation, creativity, and efficiency by bringing together different perspectives, experiences, and

> See *Partners* Page 17



# First Aid Attendants provide crucial care

By Alicia Hodge Huntsville Center Safety Office

n critical situations, every second counts. A well-trained first aid attendant can provide immediate care, stabilize injuries, and potentially save lives.

Huntsville Center has a dedicated team of employees who volunteer as first aid attendants. These attendants play a vital role during emergencies, serving as the initial responders who provide immediate assistance to those in need.

Huntsville Center is fortunate to have more than 20 employees serving as first aid attendants. Each of these attendants has a fully stocked first aid kit that includes band-aids, ointments, sting relief, etc.

They also now have a 'desk flag' at their cubicle which helps indicate when the attendants are in the office, making it easier for other employees to identify their location.

Attendants are equipped with essential knowledge too. They are capable of practicing cardiopulmonary resuscitation (CPR) and using an automated external defibrillator (AED).

They can also provide care for wounds and can handle most minor medical emergencies.



One of the Center's longest serving attendants, Pam McDougald, has volunteered as a first aid attendant for 31 years - that's three decades of dedication to ensuring the safety and well-being of others.

She decided that volunteering as a first aid attendant was the best way to assist in emergencies. Her willingness to volunteer came from wanting to help people whenever she could.

McDougald has played an important role in assisting with two emergencies: a seizure and a dislocated finger.

When a fellow employee experienced a seizure, McDougald sprang into action by clearing the area, ensuring safety, and promptly called

911. Her first aid training led to a calm and efficient response making a difference during a critical moment.

During a Huntsville Center organization day picnic, a man suffered a dislocated finger and McDougald iced the injury, provided comfort, and transported him to the emergency room. She exemplified the essence of compassion and support by staying at his side until he received proper care,

If an employee ever needs medical assistance in the office, look for the red 'desk flag' or call the security desk at 256-895-1180.

You can also use the QR code (below) to call the security desk and they can page an attendant to your location. For emergencies, always call 911. A list of the First Aid Attendants and their location can be found on the Safety Office SharePoint site under "Emergency Plans" on the left side of the screen.



#### WALTERS

#### From Page 10

skills," he said.

"This blend leads to fresh ideas, better problem-solving, and stronger decisions. It boosts an organization's adaptability and resilience, while also building a culture of respect and understanding that prepares people for success on a global scale."

Dr. Mohamed Ashour, professor and civil engineer coordinator with AAMU's Department of Civil and Mechanical Engineering, said the partnership between the AAMU and USACE provides AAMU students with an opportunity to explore the profession with the USACE through internships and summer training. Ashour said such an exposure to diverse engineering practices gives great

momentum to AAMU students to pursue their engineering study with full confidence in future opportunities.

"Most of our students who receive training with USACE seek a career with the USACE after graduation," he said. Based on Ashour's observations, many local students might be hesitant to get internships or even post-graduation, fulltime jobs far from home.

"But they can do that when it comes to working for Huntsville Center," Ashour said.

"The collaborative efforts between the Huntsville Center and AAMU (such us research funds, scholarships, presentations, field trips, online project demonstrations and recruitment sessions) helps our students to see their future and career in a positive and practical fashion, especially for those who have no mentors in their families."

### EM CX geologist improves field for future professionals

By Lillian Putnam

Huntsville Center Public Affairs

hile serving as the Nebraska Geological Society president, a Huntsville Center Environmental and Munitions Center of Expertise (EM CX) geologist led the effort to advocate for statedriven requirements and standards for professionals in the field.

With the help of advocacy from Dave Becker, EM CX geologist, Nebraska legislature passed a bill that created licensing and registration along with the requirements to receive professional geologist certification.

The requirements now include obtaining a collegiate degree in geology, gaining at least five years of experience in the field, submitting references, as well as passing professional exams on fundamentals and practices of geology.

"Anything that helps educate the public on what we do is important," Becker said.

"Having professional licensing and registration is a way to highlight the contributions of the profession to the well-being of society."

After the bill was passed in 1999, various geologists were named by the governor to serve as the first members of the Nebraska Board of Geology. Becker set precedence after the founding Board of Geology members designated him with the first professional geology license in Nebraska.

"The Board of Geology designated me to have the first license number, G-0001, for the efforts I led in advocating for the bill to be passed," Becker said.

When asked about how it felt to receive the first license number, he said, two words come to mind, humbled and honored.

"Getting the recognition for my part in raising the visibility of geology was



Courtesy photo

Dave Becker, Huntsville Center Environmental and Munitions Center of Expertise geologist, conducts an optimization study at the Charles Macon Superfund site in North Carolina in 2015.

very gratifying and I couldn't have done it without the support of others."

Mike Felix, a fellow geologist with the EM CX, served on the Nebraska Board of Geology alongside Becker during the years following his designation as the first license.

"Dave worked tirelessly to get the Nebraska Legislative Bill passed to establish the Nebraska Board of Geology and develop the statutory requirements on professional licensing for the practice of geology in the state," Felix said.

Becker has improved the field for future geologists through encouraging state-driven standards as well as taking time to mentor young professionals on the lessons he has learned throughout his career.

Reflecting on Becker's impact on the field, Felix said, Becker is a well-known and highly respected professional geologist.

"He is a mentor and educator of countless professional geologists across the country."

While Becker taught as a professor at the University of Nebraska-Omaha, he was dedicated to sharing the possibilities of working with the U.S.

Army Corps of Engineers (USACE) and inspiring the next generation of the workforce.

"Teaching as a professor gave me the opportunity to tell others that working for the Corps of Engineers has a great variety of experiences and opportunities ... not only do we want to ensure Soldiers have a safe and happy place to live and train, but we are able to benefit the residents of communities in the surrounding areas," he said.

One of Becker's favorite projects to share lessons learned on is a site he has been working on throughout his career.

"I was assigned to work on a complex superfund site with a large groundwater contamination issue.

After 39 years, Becker is still involved with that project today and have worked on it in different capacities, on behalf of the Department of Defense and on behalf of the Environmental Protection Agency.

Not only did the site prompt Becker to take the geology fundamentals exam, but Becker said it's been a great professional experience.

"I've learned so many lessons from that project that have helped me with other projects."



## **Employees of the Month**



**Photos by Steve Lamas** 

Col. Sebastien Joly, Huntsville Center commander presented Waldo Battle with an Employee of the Month (EOTM) certificate for June. Battle, Huntsville Center mailroom clerk, is joined by his sister, Barbara Jones, and his supervisor, Mike Chopard, Huntsville Center IT chief. Battle has worked diligently behind the scenes for over 16 years handling mail services for Huntsville Center customers. Chopard nominated Battle because his "thoughtful, kind and considerate champion of everyday tasks consistently serves Huntsville Center customers."



Joly presents Eva Carvalho, Office of Counsel administrative technician, with EOTM certificate for June. Carvalho was recognized for her support to the OC and scheduling ethics training on SharePoint so employees could select their preferred date and time for training.



Joly presents Janelle Peterson with EOTM certificate for May. Peterson provided outstanding support to the **Resource Management Directorate and the Huntsville** Center by implementing new procedures to effectively manage Huntsville Center's interest penalty,

#### Center employees selected as USACE enterprise mentors

#### By William Farrow

Huntsville Center Public Affairs

hree Huntsville Center employees have been selected to fill spots in the U.S. Army Corps of Engineers (USACE) Enterprise Mentoring Program (EMP). Huntsville Center's Carlos Reis, Value Engineering program manager, Todd Lewis, safety manager, and Justin Schwartz, fire protection engineer, were selected for the program in April and will soon facilitate personal and professional growth in a mentee by sharing the knowledge and insights that have been learned through the years.

The purpose of the USACE Mentoring Program is to establish and encourage a knowledge-sharing culture that enables skill and competency development to support employee talent development and increase employee engagement while improving morale, retention, and creating a pipeline of employees striving to become future senior leaders within USACE.

The goals of the USACE mentoring program are promoting organizational culture, assisting in career development, enhancing leadership skills, supporting employees, and retaining staff.

Lewis, signed up to be both a mentor and a mentee. He said he was in the mentor program with another agency within the federal government and found great value in the program by providing a larger perspective on issues, challenges, and collaborations.

"It's an opportunity to have a sounding board outside of







Justin Schwartz

Carlos Reis

**Todd Lewis** 

your chain of

command or sphere of influence," Lewis said.

"I found it to facilitate a varying perspective, looking at things from that 30,000 foot-level instead of right in front of me," Lewis said.

I also like being part of inner circle for colleagues, assisting with goal identification, developing a road map, and success execution."

To become a mentor or mentee, fill out the appropriate form and submit the Mentee Application Form found on the USACE EMP page on SharePoint (https://usace.dps.mil/sites/KMP-HR/SitePages/LAMP.aspx)

Once your application has been submitted, the Mentoring Program Manager will carefully match mentors and mentees based on compatibility and shared goals.

Once matched, applicants will be notified by the Mentoring Program Manager and given further guidance about the kick-off event. At this time, you will gain access to your mentor/mentee.



#### **Race Day**

Wes Johnson, Huntsville Center facilities Division mechanical engineer, put together a fun Science Technology Engineering and Mathematics (STEM) activity for his daughter's 3rd grade class at Heritage Elementary School in Madison, Ala., April 26. Johnson divided the class into groups of three and each group made a balloon propelled car and then tested them to see which group could get the most total distance. In preparation for this activity, Johnson and the students went over engineering principals like force, pressure, propulsion, and friction that applied to the car's operation.

**Courtesy photo** 



### **Ethics Corner**

# Want to make some extra money?

## Considerations when seeking outside employment

#### By Melanie Braddock

Huntsville Center Office of Counsel

he Office of Counsel has noticed an uptick in the number of federal employees that have side businesses or have second, third or fourth jobs. So we wanted to make sure that Huntsville Center employees are clear on what the restrictions and requirements are with regard to outside employment.

Whether you want to start your own company or work for someone else, review the information below to determine your options and any steps you need to take to engage in outside employment.

As always, please reach out to your Ethics Counselors if you have any questions *before* you start your outside employment.

# Can federal employees have outside employment?

Generally, Federal employees are prohibited from accepting any outside employment that conflicts with their Government job. Also, federal employees are prohibited from using their official position to persuade employers to offer them a position.

An activity conflicts with an individual's official duties if it is prohibited by statute **or** by an agency supplemental regulation **or** would require the individual to be disqualified from matters necessary to the performance of his official duties.

See 5 CFR §2635.802. However, if it is determined that the outside employment is NOT prohibited, then it can be approved.

# I am considering working a part-time job. What are my restrictions?

Department of Defense employees must obtain written approval from their supervisor *before* engaging in a business activity or compensated outside employment.

Outside employment includes any form of non-Federal employment or business relationship involving the provision of personal services by the individual, whether paid or unpaid.

For example, a DoD financial disclosure filer would need to receive prior written approval from his or her supervisor before beginning employment with a DoD support contractor. See 5 CFR §3601.107.

# What should I do if I want to work a part-time job in the private sector?

Email your supervisor to request approval and copy Margaret Simmons and Clay Weisenberger in the Office of Counsel. The email should state the name of the employer (if it is your own business, state that), the type of business, line of work, and the specific duties and hours proposed.

Remember that outside employment has to be done outside of your official hours, not on government time, and it cannot use government resources such as your computer or Internet.

Additionally, these restrictions apply even if the employee is teleworking from home or is a remote employee. Finally, if the employer is a Government contractor or any other prohibited source (See 5 CFR §2635.203(d)), or you are aware of any other potential conflicts, list those as well so that they can be considered as part of the review.

# What if a conflict arises after I begin seeking outside employment? What about after I accept outside employment?

Take no official action with regard to the company in question. If a conflict exists, you *must* disqualify yourself from official participation in any matter that has a direct and predictable effect on the financial interests of the conflicted outside employer.

Notify your supervisor and the Office of Counsel immediately. You may be required to complete a written disqualification statement.

To summarize, get clearance *before* you start any outside employment (including self-employment and non-paid positions) and act immediately if a conflict arises.

As always, if you have an ethics question, call me the Office of Counsel at (256) 895-1100 before you act.

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Unique to the U.S. Army Corps of Engineers,

Huntsville Center provides innovative engineering solutions to complex, global missions. Our team of professionals engineer adaptive, specialized solutions across a broad spectrum of global enterprise covering five main lines of effort: Energy, Operational Technology, Environmental, Medical, and Base Operations and Facilities. Our portfolios comprise 43 program areas, as well as nine mandatory and six technical centers of expertise, and 17 centers of standardization. Through partnership with Department of Defense agencies, private industry and global stakeholders, we deliver leading edge engineering solutions in support of national interests around the globe.

# FY2023 40+ Programs 8 Mandatory Centers of Expertise, 6 Technical Centers of Expertise and 17 Centers of Standardization 17 Centers of Standardization 18 Mandatory Centers of Expertise and 17 Centers of Standardization 18 Mandatory Centers of Expertise and 17 Centers of Standardization 19 Innovation (19 Innovation)

In fiscal 2022, Huntsville Center awarded contract actions totaling more than \$2.5 billion in obligations for its stakeholders.



The U.S. Army Engineering and Support Center, Huntsville, engineers adaptive, specialized solutions across a broad spectrum of global enterprise covering five main lines of effort:

Energy, Operational Technology, Environmental, Medical, and Base Operations and Facilities