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John Hamilton / WSMR PA

The Army will bring the maneuverable 50-kilowatt Multi-Mission High Energy Laser to Strykers by 2022 as part of the Maneuver Short-Range Air Defense system. The laser will make M-SHORAD not only more lethal and capable of taking down multiple targets rapidly, but it will also be more cost effective.

Laser weapons that pack greater punch coming to Army

By Joe Lacdan | Army News Service

WASHINGTON - The Army plans to add even more firepower to its arsenal of medium tactical vehicles.

The service has been working with the Navy to develop a 100-kilowatt laser weapon, known as a High Energy Laser Tactical Vehicle Demonstrator, to provide air and missile defense to forwardoperating locations and airfields, said Lt. Gen. Paul Ostrowski July 16.

Ostrowski, the principal military deputy to the assistant secretary of the Army for acquisition, logistics and technology, told an Association of the U.S. Army audience that the powerful weapon will be based on a platform much larger and more mobile than the 50-kilowatt laser the service plans to bring to the Stryker combat vehicle.

The Army plans to increase the HEL TVD's power possibly as high as 250

The project, which has been contracted to Dynetics and Lockheed Martin, is part of the service's modernization priority for air and missile defense. The HEL TVD is expected to be tested at White Sands Missile Range in New Mexico by

"This is just the beginning of where we're going to see lasers in the future,' said Ostrowski, also the director of the Army Acquisition Corps.

Meanwhile, the Army will bring the maneuverable 50-kilowatt Multi-Mission High Energy Laser onto Strykers by 2022, as part of the Maneuver Short-Range Air Defense system. The laser will make M-SHORAD not only more lethal and capable of taking down multiple targets rapidly, but it will also be more cost effective, Ostrowski said.

"The advantage of the laser ... is that we have the ability to have an unlimited magazine when it comes to unmanned aerial systems, as well as rockets, artillery, mortar," Ostrowski said. "Where before we were shooting \$100,000 missiles at \$7,000 UAS's. This puts us in a position where we're not spending that kind of money to do that; we're taking those targets down in a much more rapid fashion and a much cheaper fashion."

Ostrowski discussed plans to test a 50-inch hypersonic missile "booster" stack that will be fired every six to nine months and will eventually evolve into the lighter, more mobile 34.5-inch stack that is compatible with Navy ships.

The general credited Congress with

>> ASSUMPTION OF RESPONSIBILITY

Photo by 5th Armored Brigade, First Army Division West

Command Sgt. Maj. Darrell Walls, right, returns a salute during the 5th Armored Brigade's change of responsibility ceremony at Fort Bliss July 18. Soldiers from the 5th AR plan, coordinate, synchronize, and support pre/post mobilization training and demobilization of Army National Guard and Army Reserve units at Bliss in order to provide trained and ready forces to combatant commanders for worldwide contingencies. On order, the unit deploys exportable OC/T teams in support of the Army Total Force Policy. For more images from this event, turn to page 3A.

Morale matters

Task Force Apocalypse opens Soldier-led USO facility in Afghanistan

By Sgt. Ashton Hofmeister | 1st Armored Division Combat Aviation Brigade

Soldiers from the 1st Armored Division Combat Aviation Brigade opened a new USO facility in Afghanistan July 4. The opening of the facility was led by Task Force Apocalypse Soldier Sgt. 1st Class Jamie Pryor, who was joined by other Soldiers and the director of USO Afghanistan, Rebecca Medeiros.

The new establishment currently includes a pool table, a movie theater, a video game station, a care package station that provides Soldiers free snacks and hygiene products, and a reading room that allows Soldiers to read to their family members back home. The structure is open 24 hours a day and completely Soldier operated.

Pryor started developing the facility early in his deployment. He wanted Soldiers to have a place where they could unwind and relax. Selflessly, many of the amenities available to the Soldiers were donated by Pryor and built by him and a small team.

"It took about four weeks from start to finish with me and two staff sergeants," said Pryor. "When they could get away from work they would come over and help me."

Pryor said his main drive for organizing the facility was to show that you can make the best out of a bad situation and provide Soldiers a place to wind down. Instead of allowing others to complain about their austere deployment location, he took it upon himself to improve his environment for the betterment of morale.

"I needed to do something for the Soldiers because all the Soldiers had was to go to work, work 12 hours, and then go into a tent," Pryor said.



Sgt. Ashton Hofmeister / 1st AD CAB

Spc. Theresa Cashwell, a Task Force Apocalypse Soldier, celebrates some new swag won in a raffle at the opening of a new USO facility in Afghanistan July 4. Noncommissioned officers from the 1st Armored Division Combat Aviation Brigade worked together to build the space with help from the USO.

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Army assesses network needs for manned-unmanned teaming

By Douglas Scott | CCDC C5ISR Center PA

ABERDEEN PROVING GROUND, Md. – The Army Futures Command, or AFC, is using iterative field experimentation to help the Army take a revolutionary step in the evolution of armored warfare.

AFC's Future Force Modernization Enterprise of Cross-Functional Teams, Acquisition Programs of Record and Research and Development centers executed a radio rodeo with industry throughout June to inform the Army of the network requirements needed to enable autonomous vehicle support in contested, multi-domain environments.

Conceptualized and executed by the Combat Capability Development Command's center for Command, Control, Communications, Computer, Cyber, Intelligence, Surveillance and Reconnaissance -- or C5ISR -- the Protected Tether Radio Rodeo was designed to help the Network and Next Generation Combat Vehicle Cross Functional Teams better understand the current state of industry solutions that could support communications for manned-unmanned teaming with robotic combat vehicles.

"If I can put a robot in the direct line of fire of the enemy to determine their location, provide lethality or breach an obstacle, America's sons and daughters can be applied elsewhere on the battlefield. It would provide standoff from our enemy while increasing mobility and efficiency for combatant commanders around the world. This could be revolutionary in how we employ ground combat vehicles," said Brig. Gen. Richard Coffman, director of the Next Generation Combat Vehicle Cross Functional Team, or NGCV CFT.

Ten industry radios were assessed for their ability to operate on the move in a contested, multi-domain environment. This included assessing latency, resiliency, signal detectability, anti-jamming capabilities, scalability and maximum data throughput at operational ranges.

These were then measured against NGCV specifications for a protected and resilient wireless tether between the Optionally Manned Fighting Vehicle and the Robotic Combat Vehicle that will provide Soldiers with the capability to engage in combat with autonomous systems while remaining safely outside of enemy range.

The rodeo, which was executed at the C5ISR Center's Ground Activity facilities at Joint Base McGuire-Dix-Lakehurst, New Jersey, is part of the center's annual Network Modernization Experiment, which enables the Army and industry to evaluate the maturity and resiliency of their technologies within a relevant threat-based environment.

"I expect to see more of these types of



The Next Generation Combat Vehicle's manned-unmanned teaming concept would leverage a protected tether between the NGCV Optionally Manned Fighting Vehicle and the Robotic Combat Vehicle in order to provide Soldiers with the capability to safely engage in combat via remotely controlled autonomous systems.

events as part of an integrated experimentation strategy across AFC, where experiments are being used to inform decision points in modernization plans," said Seth Spoenlein, a Senior Scientific Technical Manager with the C5ISR Center. "They inform operational requirements and S&T investments, they drive development and experimentation and they support a coordinated acquisition strategy."

The operationally-relevant environment of the C5ISR Ground Activity enabled the Army to baseline the vendors against each other in the same fashion, using realistic, adverse field conditions to determine what the maximum capabilities were for each system while they were being electronically attacked

"What we realized is there are tradeoffs for everything; so they might perform great in open terrain but struggle when in foliage. There is no perfect technology, but we are here to understand how they perform and what the tradeoffs are. This was a learning experience for everyone," observed Mahmoud Khalil, C5ISR Center technical engineering lead for the rodeo.

The horizontal integration of the CFTs and the S&T community also ensured that future requirements will be compatible with the entire mission command network, pointed out Maj. Gen. Peter Gallagher, director of the Network CFT.

"While the CFTs are driving modernization in their respective areas, we are simultaneously working together because we understand the critical interdependencies between the network and all other priorities," Gallagher said.

"The Network CFT is focused on enabling communications for vehicles and ensuring the solution is integrated into the overall tactical network modernization strategy, so we are nesting the vehicle communications requirements within our network capability set construct and working with the S&T community to ensure their efforts are positioned for transition into programs of record at the appropriate time," he said.

CCDC's Ground Vehicle Systems Center

will use the results from the Protected Tether Radio Rodeo to inform a Robotic Combat Vehicle Phase 2 prototype platform while Program Manager Tactical Radio will incorporate the results into its technical baseline and roadmap in support of the Network CFT's future Integrated Tactical Network, or ITN.

"The Network CFT's tactical modernization strategy must upgrade the network to provide Soldiers and commanders assured network transport while concurrently building the foundation for priorities like next generation combat vehicle to ensure our communications equipment can work in and with future vehicles," Gallagher said.

The C5ISR Center is supporting the ITN by investing in the development of an intelligent communications network that can adapt to the changing operational environment at the speed of combat and respond quickly to the enemy's actions.

This includes building an automated framework of mitigation techniques that can be implemented into an automated primary, alternate, contingency and emergency, or PACE, plan that would counter interference and electronic attacks by seamlessly selecting the best radio to complete transmission at operational speeds – thus allowing the Soldier to focus on warfighting.

"Effective and timely communication has always been a force multiplier, so we must continue to innovate communications systems and integrate new technologies to stay ahead of our adversaries," Coffman said. "As a valued mentor once told me, 'if we aren't communicating, we're camping."

A final report is slated to be delivered in the fourth quarter of the 2019 fiscal year.

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helping put the Army in a position to achieve its modernization goals by improved funding

"The Army and the rest of the services have been fighting this night fight with one hand tied behind our back frankly for many, many years in terms of acquisition," he said. "And 'the Hill' saw the explosion in technology and the rapid pace at which technology is proceeding. The Hill also saw the fact that our peer and near-peer competitors were catching up to bypass us."

Ostrowski stressed the importance of the service fulfilling its promise to achieve its six modernization priorities: long-range precision fires, next-generation combat vehicles, strengthening the Army's network, future vertical lift, bolstering air and missile defense and Soldier lethality.



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MORALE Continued from Page 1A

Task force Apocalypse Command Sgt. Maj. Jason Crowley supported Pryor's efforts in providing the Soldiers with a USO facility and helped Pryor when he needed it. Overall, Crowley said he believes the structure will improve morale.

The Soldiers are happy with the establishment and have already started attending USO-hosted events like bingo and pingpong tournaments. Spc. Tyrell White, a Task Force Apocalypse Soldier said he is looking forward to utilizing the USO for the remainder of his deployment.

"I feel like the USO is a great thing. When we first got here there was nowhere to go to ... now there's a place where everybody can come and get their mind off of things," White said. "I think it will be easier, especially with everybody being deployed and, you know, wanting to be home. It will give them something to look forward to everyday. You can come to the USO, get snacks, watch movies, play games, and all types of things."

As the Soldiers gathered at the ribbon cutting July 4, Pryor reminded the Soldiers of the reasoning behind the establishment.

"This is not my USO," Pryor said. "I built this USO for ya'll."



Sgt. Ashton Hofmeister / 1st AD CAB

Sgt. 1st. Class Jamie Pryor stands with USO Afghanistan Director Rebecca Medeiros outside of the newly-opened USO facility in Afghanistan recently. "I feel like the USO is a great thing. When we first got here there was nowhere to go to ... now there's a place where everybody can come and get their mind off of things," said Spc. Tyrell White, a Task Force Apocalypse Soldier.

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Army officer, crew follow historic Apollo footsteps 4A



Hollywood technology to help Army innovate tank training \blacksquare 5A



>> WELCOME ABOARD

5th Armored Brigade, First Army Division West changes responsibility, Walls becomes new CSM



A 5th Armored Brigade, First Army Division West noncommissioned officer receives the command guidon from Command Sgt. Maj. Darrell Walls, center, the unit's newest senior enlisted leader, during the unit's assumption of responsibility ceremony at Fort Bliss July 16.

(Top right) Soldiers from the 5th Armored Brigade, First Army Division West stand in formation during the Dagger brigade's assumption of responsibility ceremony at Fort Bliss July 16.

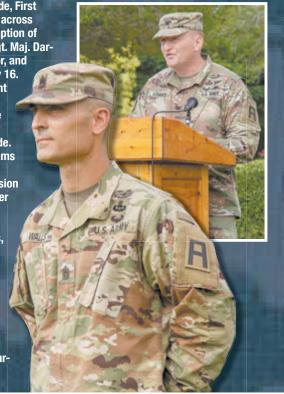


Soldiers and civilians from the 5th Armored Brigade, First Army Division West, as well as well-wishers from across the Team Bliss community, gathered for an assumption of responsibility ceremony to welcome Command Sgt. Maj. Darrell Walls, the unit's new command sergeant major, and mark the beginning of his tenure at Fort Bliss July 16. The "Dagger brigade" is a vital Reserve component team that oversees the mobilization and demobilization of Army National Guard and Army Reserve units in order to provide combatant commanders trained and ready forces ready to deploy worldwide. Also, the unit deploys Observer Coach/Trainer teams in support of the Army Total Force Policy. Walls, who previously was the CSM for 1st Armored Division Artillery, succeeds Command Sgt, Maj. Brian Barker as the senior enlisted adviser of the unit, which is led by Col. Martin Schmidt. The Dagger brigade oversees 13 battalion-level units. For more details,

(Above right) Col. Martin Schmidt, the 5th **Armored Brigade, First Army Division West** commander, speaks at his unit's assumption of responsibility ceremony at Fort Bliss July 16.

visit https://www.first.army.mil/divwest/content.

(Right) Walls observes Dagger brigade Soldiers during the ceremony.



ice chief: Combating sexual assault relies on building cohesive units

aspx?ContentID=5.

By Thomas Brading | Army News Service

ALEXANDRIA, Va. – Eliminating sexual assault and changing the Army's culture on intervention starts with changing how leaders and Soldiers view the problem, said Gen. James C. McConville, the Army's vice chief, during the fifth annual SHARP Program Improvement Forum July 16.

"Sexual assault and sexual harassment are a deliberate fratricide [against another Soldier]," McConville said at the forum providing insight into topics currently impacting the Sexual Harassment/Assault Response and Prevention community. "That's how I want people to think about it.'

The forum brought together senior leaders, program managers, sexual assault response coordinators, and victim advocates from around the Army. They collaborated on different ways to refine and enhance the SHARP program. The forum took place a few months after release of the DoD Fiscal Year 2018 Annual Report on Sexual Assault in the Military.

Every year, the Pentagon releases a report

outlining the number of sexual assaults reported by service members. With sexual assault often being an underreported crime, an anonymous survey is also conducted every two years to get a better understanding of prevalence, or the estimated occurrence of unwanted sexual contact. The 2018 anonymous survey revealed an increase in Soldiers who say they've lived through some form of sexual assault.

"We're not going in the right direction, so let's own it," McConville said, taking responsibility on the setback, while adding, "We've got some work to do."

The increase in prevalence, since the 2016 survey, indicate that 17- to 24-year-olds were at the highest risk of being assaulted, and occurrences typically happened between two people who work, train, or live in close proximity to each other, indicating the perpetrators are peers of the same age range and are similar rank, as their victims.

With the increase in prevalence shifting to a slightly younger demographic, who are relatively new to the Army, we need to teach them what to think before we teach them how to think, said Mc-Conville. They should be thinking, "We cannot have this - sexual assault and $sexual\ harassment-in\ our$ squads. We cannot stand for this."

McConville added that with 120,000 Soldiers joining the Army every year, it's an issue that needs to be changed "from the bottom up" by "empowering the squad-level" leadership. Through the reinforced actions of

ground-level leaders, we can change the Army's culture, he said.

"My No. 1 priority is people," said Mc-Conville. People are what the Army is "all about" and it's "our people" who make the U.S. Army the greatest in the world, he said, adding that's why SHARP is important.

"We're not going in the right direction, so let's own it, we've got some work to do."

>> Gen. James C. McConville

Without programs like SHARP, trust is broken, he said.

America's sons and daughters

"We're asking the American people to send their sons and daughters into the military, to wear this uniform, and we're asking them to trust us," McConville said. "We're telling families, "If you send your sons and daughters, (it's our job) to take care of them."

However, when the American people don't

believe leaders will take care of Soldiers, he said they'll stop sending their sons and daughters. A cohesive unit is built on trust, he said, and cohesive units win on the battlefield. This is a battle the Army will win by

See **ASSAULT** Page 7A



Space available

Army officer, crew follow historic Apollo footsteps

By Ronald Bailey | U.S. Army

REDSTONE ARSENAL, Ala. – Col. Andrew Morgan launched from the Baikonur Cosmodrome in Kazakhstan, aboard a Soyuz (Union) MS-13 spacecraft Saturday for a nine-month mission aboard the International Space Station.

"Twenty-five years ago I made the decision to serve my country as a military officer. I view my nine-month mission to the space station as a continuation of that service, not just to my country, but the entire international community." Morgan said. "Service to others will keep me focused and motivated while I'm away from my family, living and working on board the International Space Station to successfully complete our mission."

Morgan, who is the first Army physician in space, is a board-certified Army emergency physician with a subspecialty certification in primary care sports medicine. During his time aboard the space station, Morgan will participate with his crew mates and others to facilitate numerous medical and technological experiments and tasks, as well as a number of planned high-profile space walks.

His mission, Expeditions 60, 61 and 62, will make the longest single-mission space-flight for an Army astronaut and be among the longest ever for an American astronaut when complete.

Morgan launched with his crew mates

I'm a Soldier first, and the military trained me to be a leader of character, dedicated to taking care of people."

>> Col. Andrew Morgan

from Baikonur Cosmodrome's famous "Gagarin's Start" launch pad. Known as LC-1/5, the pad is the same location where the world's first artificial satellite "Sputnik 1" launched in 1957 as well as the first human in space, Russian Cosmonaut Yuri Gagarin, in 1961.

Morgan's crew launched on the 50th anniversary of the Apollo XI lunar landing, which he considers a significant and meaningful way to commemorate the accomplishment for all humanity.

"An international crew launching to an International Space Station on the 50th anniversary of what was the apex of the space race – it's an interesting contrast," Morgan said. "The Expedition 60 crew is honored to

commemorate Apollo XI's historic accomplishment for the world with our launch, and proudly bear the torch for the next generation of space exploration."

Still serving as an active-duty Army officer, Morgan was selected as an astronaut candidate in June 2013, completing the training in July 2015. Prior to his selection as an astronaut candidate, he served as a commissioned Army Medical Corps officer with the U.S. Special Operations Command, including tours in Iraq and Afghanistan.

Morgan considers New Castle, Pennsylvania, his hometown. He earned a Bachelor of Science in environmental engineering at the U.S. Military Academy, West Point, New York, in 1998, and received his doctorate in Medicine from the Uniformed Services University of the Health Sciences, Bethesda, Maryland, in 2002.

"I am a Soldier, a military physician, and a NASA astronaut, in that order. I'm a Soldier first, and the military trained me to be a leader of character, dedicated to taking care of people," Morgan said. "Every quality that's made me a successful astronaut is a product of my military training: from my academic degrees to my operational skills. While I regularly draw on the technical skills and specialized training I learned in the military, it's my leadership experiences that I rely on the most."



Sharon Holland / USUHS

Col. Andrew Morgan launched from the Bai-konur Cosmodrome, Kazakhstan, aboard a Soyuz (Union) MS-13 spacecraft Saturday at 12:28 p.m. Eastern Daylight Time for a ninemonth mission aboard the International Space Station. "Every quality that's made me a successful astronaut is a product of my military training: from my academic degrees to my operational skills," said Morgan. "While I regularly draw on the technical skills and specialized training I learned in the military, it's my leadership experiences that I rely on the most."





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>> ARMOR UP

Battle Group Poland participates in epic 'Tank Battle'

BEMOWO PISKIE, Poland – Service members from NATO's enhanced Forward Presence Battle Group Poland partnered with the host nation and participated in the annual "Tank Battle" event at the Bemowo Piskie Training Area Jul. 13. The event consisted of military representation from the United States, Poland, Croatia, Romania, and the United Kingdom and included festival activities, vehicle displays and a series of joint force demonstrations from the nations. This is the largest military appreciation event in Poland with over 10,000 locals in attendance and more than 30 multinational armored combat vehicles on display. During the demonstration portion of the event, U.S. Bradleys and M1 Abrams simulated a battle alongside their allied counterparts- the Polish Leopards, PT-91s and BWP-1s. The event even featured MEDEVAC procedures simulations from the Polish HINDs helicopters. Battle Group Poland is comprised of U.S., Croatian, Romanian, and U.K. Soldiers and works alongside host nations' 15th Mechanized Brigade as a deterrence force in northeast Poland. Here an M1 Abrams easily crushs a car.

Hollywood technology to help Army innovate tank training

By Joe Lacdan | Army News Service

LOS ANGELES - The Army has enlisted the help of some of the brightest minds in the tech industry to test and evaluate crucial decision-making skills of tank commanders on the battlefield.

To achieve that goal, the service extended its reach thousands of miles west from Fort Benning's Maneuver Center of Excellence in Georgia – where tank crews normally train – to Los Angeles.

Through a partnership with the Army, researchers at the Institute for Creative Technologies at the University of Southern California have developed a mixed reality program, the Synthetic Collective Operational Prototyping Environment, or SCOPE.

The program focuses on the cognitive aspect of the training - the critical battlefield responses a tank commander makes - by placing the student in a simulated, immersive 3D-training environment.

ICT researcher David Krum said tank commanders must be ready to receive status

updates from unit leadership at mission command on incoming enemy aircraft hovering overhead, all the while making decisions that affect the lives of the other three tank crew members.

The technology can evaluate a student's performance in the virtual reality, multiplayer program by using specially-positioned sensors that track eye movement and body position. The ICT development team hopes the training will lead to rapid efficiency while helping students retain information at a higher rate.

"If they can get more repetitions in for the training, people get more practice [for] when they actually go into combat or actually go into a field exercise," Krum said. "They've already done missions before. They can approach that more confidently and save time."

Researchers have spent nearly two years developing the technology in an enclosed studio space within the ICT headquarters - a

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Soldiers from 9th Hospital Center, 1st Medical Brigade, pose for a picture during a recent training event.

Hood heroes: Combat medics save lives after chaotic traffic accident

By Spc. Yaeri Green | U.S. Army

Soldiers from Fort Hood's 9th Hospital Center, 1st Medical Brigade provided life-saving medical intervention to casualties involved in an accident July 10.

The 9th Hospital Center Soldiers were conducting convoy operations along one of the post's isolated training areas when they noticed a dark, brooding cloud of towering smoke from a truck that had rolled over.

As the convoy got closer to the smoke, they noticed an accident that involved two vehicles and one casualty on the road.

"When we got closer, we realized the extent of the accident," said Capt. Jillian Guy, commander of Headquarters and Headquarters Company, 11th Field Hospital. "Everyone quickly realized that we were the first responders. Our main priority was to move the first casualty away from the burning vehicle and save his life."

The convoy made a hasty stop and the Soldiers quickly approached the first victims and removed them from the burning vehicle.

"My thought running up to the scene was to get him away from the burning vehicle as soon as possible and to control the bleeding," said Sgt. 1st Class Matthew Newell, acting first sergeant for 11th Field Hospital. "I was also thinking that we didn't know if he had injured his spine, so I knew we needed to use cervical spine precautions as soon as we got to him before we could move him."

Medics took the lead relocating the casualty farther from the burning vehicle using cervical spine precautions. Shortly afterwards, the vehicle's fuel compartment exploded.

Once the casualties were removed from immediate danger, medics began providing aid to the more severely injured casualty.

"Soldiers swiftly delivered care to the first casualty applying a tourniquet for open bilateral femur fractures," Guy said. "I saw the second casualty walking around disoriented so I grabbed two medics to help treat him."

Medics applied tourniquets to the first casualty proficiently to control the bleeding and provided airway management and trauma care. The second casualty suffered from a suspected traumatic brain injury and facial trauma. The medics treated and stabilized both casualties until the emergency medical services arrived.



Soldiers from 9th Hospital Center, 1st Medical Brigade provided lifesaving medical intervention to casualties involved in an accident July 10.

Even after the EMS arrived, Newell, Sgt. Eric Johnston, a combat medic team leader, and Sgt. Mariela Jones, a platoon sergeant, remained and continued to provide help.

"We were starting fluids, bandaging the wounds and placing the casualty on a spin board," Newell said. "Once he was on a spin board, Sergeant Jones moved to provide airway until he was placed on a helicopter."

The intervention did not stop until the casualties were evacuated. The first casualty was air evacuated by Baylor Scott & White, and the second was taken to Carl R. Darnell Army Medical Center by EMS.

"The medics from three different companies quickly became one cohesive unit," Guy said. "I have never been more proud of everyone on scene. Even the non-medical MOS Soldiers did an amazing job with crowd control, driving vehicles safely to the scene and comforting others who had seen the trauma."

When Soldiers came across a situation that needed immediate aid, they reacted expeditiously and saved the lives of those casualties. Military police and EMS commended the Soldiers for their quick reaction, professionalism and proficient medical skill set.

"Tragedy can happen at any time and you need to be prepared," Johnson said. "It was an eye-opening experience that nobody was expecting."

ASSAULT Continued from Page 3A

shaping its culture.

"I have three kids who serve; I expect and my wife demands we provide a safe and secure environment," McConville said. "I see things and I think, 'that could be my daughter or son."

Shaping a culture of trust

McConville touted heroic actions of Soldiers across the Army, saying it's in their culture to do the right thing, and gave examples of Soldiers who have done incredible feats at the risk of their own safety, like "running into a burning building to save someone," or "rescuing someone from drowning." He said Soldiers often do less dangerous but selfless actions, like "stopping along the road to help someone change a tire."

"Soldiers know when to intervene," he said. "It's who we are." That said, he wanted

to know how to convince more Soldiers to intervene during a potential sexual assault. The answer is to change the culture, and teach them to "know what to do, when they don't know what to do," he said.

Changing culture begins at the ground level, by teaching Soldiers how, and when, to intervene, McConville said, adding, "That's how you get someone who intervenes right away. That's how they run into those burning buildings, that's how they go after cars underwater – Soldiers will do it – we need to reinforce that type of thinking moving forward."

Treating everyone with dignity and respect, protecting each other — it's just the right thing to do, McConville said. "People who don't do that, they're not part of us. We are the most respected institution in the United States, and that's earned."

HOLLYWOOD Continued from Page 5A

striking complex of trapezium-shaped structures, covered by cascading, tinted windows. Programmers in suits and polo shirts occupy the bright studio, where they exchange ideas while hunkered over each project's interface.

David Nelson, ICT's creative director for mixed reality research, said an earlier version of SCOPE, the Team Assessment and Learner Knowledge Observational Network, or TALK-ON, just completed three testing rotations at Fort Benning that yielded "positive" results.

Even though no Soldiers currently work in the ICT, several of the programmers have military experience. The SCOPE research team has also worked closely with the Army Research Laboratory at Aberdeen Proving Ground, Maryland, as well as teleconferencing with tank trainers at Benning.

Lying in the shadow of Hollywood, the ICT researchers here have been collaborating with film and gaming industry artists to create a diverse palette of programs using immersive technologies in virtual reality.

Playa Vista, a growing tech community in western Los Angeles where ICT is located, has drawn top-level talent and has rapidly earned a reputation as a Silicon Valley ex-

In an area that Howard Hughes once made famous for aircraft innovation, the ICT staff now creates their own innovative projects from virtual interactive therapy for Soldiers who suffer from PTSD and sexual assault to the development of One World Terrain, a data mapping program that creates virtual landscapes from real world locations.

In the SCOPE platform, Soldiers use a virtual reality headset with built in eye-tracking. Three tank commanders take part in a simulated training sequence that tests their cognitive abilities and performance under duress. The trainees remain in communication with one another and a central command that helps them develop unit cohesion. Nelson said the platform will eventually expand to four tank commanders training simultaneously to represent a full tank platoon.

SCOPE's platform will give researchers and trainers the capability to assess a student's performance by collecting large amounts of trainee data to gain a greater understanding on how trainees make sense of the information available to them and how that informs their decision making. Nelson said the research team has just begun the initial development stages of SCOPE and expects formal testing to start in fiscal year 2020.

While TALKON focused on cognitive task training and communications, the SCOPE program will advance on that model with more sophisticated sensor tracking. The program will also use One World Terrain data, a central pillar of the Army's synthetic training environment.

In SCOPE, Soldiers will train in a threedimensional environment using a scenario developed at the Army Armor School in Fort Benning. Soldiers will use a replica joystick and a 3D-printed control box that interfaces with the tank commander's helmet.

Previously, tank commanders trained with Soldiers who role played the tank driver, gunner and loader. Using the SCOPE or TALKON software, the other crew positions are simulated and will eventually be controlled by artificial intelligence software.

"We're focusing on the decision-making and the sense-making," Krum said. "And we've kind of reduced the overhead. I don't need to put a person in the driver's seat, in the loader's seat and in the gunner's seat if I only want to train the tank commander or the platoon commander."

The combat scenario consists of a mission briefing and different progressive phases that the student tackles within the 3D environment. The trainee uses the intercom to switch back and forth between communicating with the platoon and the company networks.

"You're basically processing all this information and then you have to decide what to report, update your mental picture," Krum said. "Do you report information up to higher command, do you tell people in your tank what to do, [or] tell people in the other tanks in your platoon what to do?"

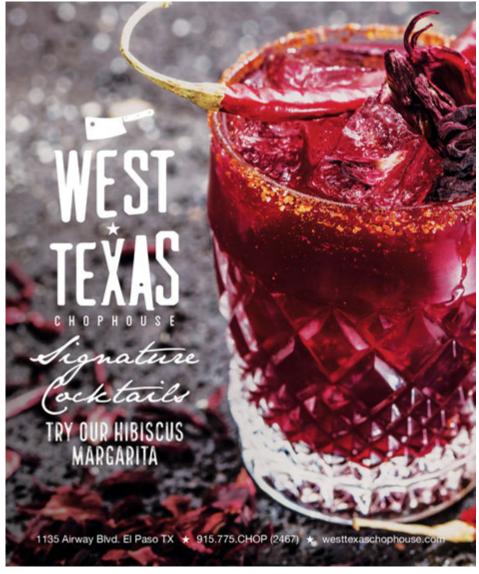
Nelson said the technology yields massive amounts of data that will allow the research team to gain a greater understanding of trainee decisions and how to improve train-

"A lot of task training kind of focuses on 'go' or 'no go.' Did they do the right thing or did they not do the right thing?" Nelson said. "What we want to do is drill down a little bit deeper, and find out why trainees made the decisions they did.

"We can go back and look at that data and say, how were they communicating? What were they looking at? Were they under stress? And how they were impacted.'

Eventually, Nelson said, some of the data could be used to add artificial intelligence capabilities where the software can respond to language and voice commands and elicit simulated responses of crew members.

Previously, human trainers conducted performance evaluations of student performance. Krum said the researchers understand the value of human graders but wanted to lend technical support to that task; support that could eventually provide a wealth of improvements to training protocols and accelerate tank commanders training to a more efficient pace, Nelson said.





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A drone used in the One World Training program flies over Los Angeles. Soldiers will soon be able to use these drones to capture data from a variety of environments, including cities, and recreate it into a digital 3D environment.

(Right) Austin Drexler, researcher at the Institute for Creative Technology in Los Angeles, helps Maj. Gen. John George use special interactive goggles to view One World Terrain 3D interactive simulation data. George is deputy director, Army Futures and Concepts Center.



One World Terrain to allow Soldiers to train anywhere

By Joe Lacdan | Army News Service

LOS ANGELES - Carrying only a backpack and a drone, Soldiers could capture and eventually recreate entire sections of forests and steep mountains.

They can map 3D data from the rough, dry wasteland of the Mojave Desert, the dense rainforests of Hawaii, or the rocky, hilly landscape of woodlands. They can even replicate the detail of a bustling metropolis.

With this data, they can capture intricate details down to the species of trees. That data will be optimized and aggregated with data from other geospatial sensors to build a digital environment Soldiers could use to train for war or duplicate an operational battlefield.

A tedious process that once took weeks can now be achieved in three hours: within that time, Soldiers can fly a drone within a one-square kilometer area and visualize the environment in 3D run-time.

Wherever Soldiers wish to hone skills or where commanders choose to send them, Soldiers will soon have the capability to simulate that environment at their home stations.

"One of the things we identified early on was the existing systems often require that you bring several Soldiers to a central location to get training," said Col. Marcus Varnadore, project manager for the Synthetic Training Environment Cross-Functional Team. "So what we've challenged industry

with is creating systems that can actually go to the point of need; go to where the Soldier is actually training, potentially at their home-station location or even a deployed location."

One World Terrain, a pillar of the Army's synthetic training environment, will give Soldiers a tool that could improve readiness by providing training in an accurate, realistic representations of theater environments. It would help achieve the vision of Army Chief of Staff Gen. Mark A. Milley and Secretary of Defense Mark T. Esper to build a more lethal force, by providing Soldiers skills at a more frenetic pace.

"It's rapidly expediting the capability of being able to capture the terrain and creating the terrain environment," said Kyle McCullough, lead researcher at the Institute for Creative Technologies at the University of Southern California. The ICT works in conjunction with the Combat Capabilities Development Command Soldier Center to research and develop immersive technology advancing realistic, synthetic human experiences.

The capability is being developed at an opportune time in the Army, as the service prepares for possible large-scale ground-combat in environments that contrast starkly with the close quarter counter-insurgency operations in the Middle East. Soldiers soon must prepare to battle in forested areas and massive urban centers.

The technology will also be used to eventually help Sol-

diers on the front lines map terrain on the battlefield. While connected to command and control systems on the battlefield, they will be able to receive rapid updates provided by the OWT program.

'You won't have to rely on pre-existing data or possibly older data," McCullough said. "You can get brand new data when you're actually in a deployed environment, and so a commander would have access to the latest state of a battlespace."

The Army expects to reach initial operating capability for OWT by the end of fiscal year 2021 and full operational capability in fiscal 2023. Earlier this month, the Army awarded a contract to build an OWT prototype to Virginia-based developer Vricon.

The researchers said Soldiers who have tested the One World Terrain have responded positively. Some have even requested to use the kit to map their home installations.

"A lot of the Soldiers really enjoy it," McCullough said. 'They enjoy the ease of it, and they enjoy how quickly they're actually able to turn around the data.'

By the time the service achieves FOC for One World Terrain, it plans to also support training in the synthetic training environment across each of its six warfighting functions: mission command, movement and maneuver, intelligence, fires, sustainment and protection.



Field artillery schoolhouse stressing manual ops to combat cyber risks

By Gary Sheftick | Army News Service

FORT SILL, Okla. - With the growing threat of cyberattacks, the U.S. Army Field Artillery School has placed a renewed emphasis on learning manual methods of fire direction and gunnery.

"Bringing back the charts is a big deal," said Staff Sgt. Chad Payne, an instructor for the 13J fire control specialist course. "If you don't understand the chart, you won't actually understand what the automated system is doing for you."

About a decade ago, the school began reducing its emphasis on teaching manual methods, said Col. Samuel Saine, the assistant commandant of the school, said. That's because improvements to the Advanced Field Artillery Tactical Data System enabled AFATADS to be used effectively in all situations, he said, and it dramatically sped up the

Then electronic warfare in Crimea and Ukraine shut systems down there, and at



Sgt. Daniel Acosta uses the panoramic telescopic sight to position the M777 howitzer to fire for effect during degraded operations toward the end of a training exercise for Field Artillery AIT students on the west range of Fort Sill, Okla., June 19.

the same time, cyberattacks began disabling automation systems at civilian firms. These attacks "woke some people up," Saine said.

Over the past year, the Field Artillery School commandant has made it a priority to reinsert manual or degraded operations back into the program of instruction for all courses, Saine said.

Basic to brigade command

The renewed emphasis is not only in advanced individual training for new Soldiers, he said, but also in all of the officer courses from basic up to the pre-command course for colonels.

Now students begin AIT using maps to plot and they learn the math behind firing solutions.

"They'll do manual operations until we know they fully understand the basics," Payne said, explaining only then do students move on to the automated system.

This method provides students with a better appreciation of the concepts, he said, enabling them to "hit the ground running" at their first units.

They are also better prepared if electronic warfare takes the AFATADS system offline, he said, and degraded operations are now part of the scenario during AIT field exer-

When systems go down, Soldiers are now trained on how to transition between the automated and manual methods, confirmed Pvt. Cynthia Antaya, a 13J student at the

EW can affect communications, automated systems, and access to GPS. So 13J Soldiers break out their charts, pencils, plotting pins and protractors for degraded operations.

"It's going to be important to know your 'charts and darts' and how to go manual and still be able to continue on with your job, even when everything's down," Antaya said. Cannon crews

It's essential that artillery sections "never sway from our No. 1 task," Saine empha-

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Photos by Gary Sheftick / Army News Service

An M109 Paladin self-propelled howitzer fires as AIT students prepare to reload it on the right during a Field Artillery School exercise at Fort Sill, Okla., June 19.

sized, "and that No. 1 task is to provide uninterrupted fires to the maneuver elements of our Army -- the infantry and armor.'

Manual or degraded operations for firing howitzers are actually a 20-level task for the gunner and primarily only 10-level tasks are taught at AIT, said Staff Sgt. Rodrick Stone, an instructor for the 13B cannon crewmem-

Some instructors, however, still demonstrate manual sighting for the students, Stone

"I believe it's very important that they learn both ways, because in the event that the digital goes down, you have to have a failsafe – a backup plan," he said.

The Field Artillery School has helped work degraded operations into the program of instruction for the Advanced Leadership Course, Saine said. Since howitzer gunners are by doctrine sergeants, learning how to manually sight howitzers is emphasized in ALC, he said.

With degraded operations, the gunner

switches to a panoramic telescopic sight, Stone said. Aiming poles and firing stakes

"We already have an additional primary aiming reference that's set up; he instantly sights in off of that," Stone said.

The emphasis on degraded operations is not only happening in the schoolhouse, it's in the field as well, Saine said. Doctrine has been updated and so have performance stan-

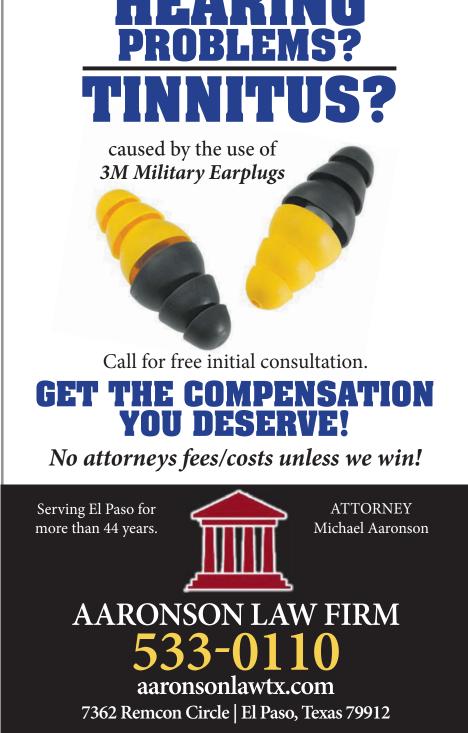
Training Circular 3-09.8 for fire support was recently updated with increased performance standards for manual gunnery and de-

"It's not just a Fort Sill thing," Saine said. He believes very strongly it needs to be informed by the operational force.

"What we found along the way is that we actually were increasing the proficiency of our Soldiers and our leaders, because it helped them understand to a higher degree how everything worked together.'



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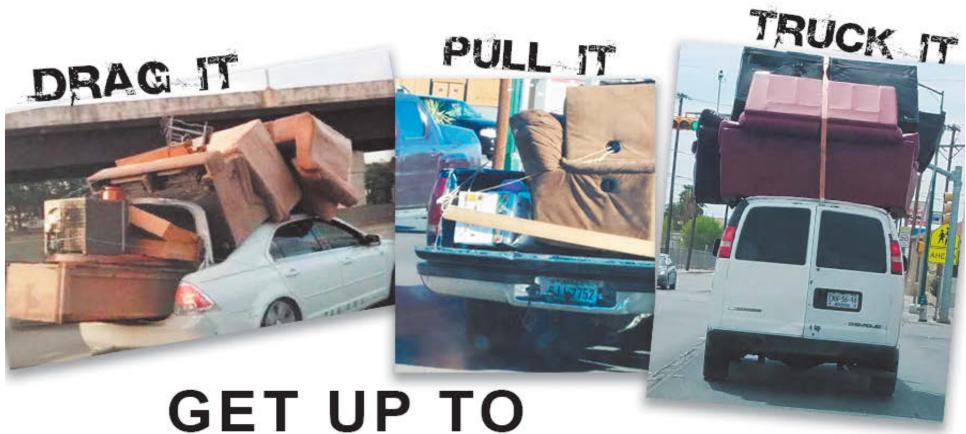


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Things to do:

Last Thursdays Gallery Crawl: The downtown monthly evening gallery crawl and art market includes nearly two dozen pubs, restaurants, stores and galleries 6-10 p.m., the final Thursday of the month. El Paso Streetcar will extend its hours during these events. Admission is free to most events. facebook.

'Pirates of Penzance': Gilbert and Sullivan Company of El Paso presents the comic operetta Pirates of Penzance for its 50th anniversary production at 7:30 p.m. Friday and Saturday, and 2:30 p.m. Sunday, at First Presbyterian Church, 1340 Murchison. Cost: \$12 (\$10 students, seniors, military); available at the door. 479-2485, 584-9319, gselpaso.org or Facebook at GandSEIPaso

Viva! El Paso: : El Paso Community Foundation and El Paso Live will present the final two performances of Viva! El Paso at 8 p.m. Friday and Saturday, at McKelligon Canyon Amphitheatre. Cost: \$24 (\$16 ages 2-12, seniors 65+ and military with valid ID). All tickets available at Ticketmaster. ElPasoLive.

Alfresco! Fridays: Stop by for the 17th season of free outdoor summer concerts at 6 p.m. Fridays, Convention Center Plaza. 534-0600, alfrescofridays.com

Downtown Artist/Farmers Market: The Downtown Artist/Farmers Market is 9 a.m.-1 p.m. Saturdays in the Union Plaza District along Anthony Street. 212-1780 or elpasoartsandculture.org

Cool Canyon Nights: The 9th annual Cool Canyon Nights series is 6-9 p.m. Thursdays at McKelligon Canyon, Amphitheatre. Patio performance begins at 6 p.m. with headliner at 7 p.m. on the main stage. Free. VIP tickets are \$10. elpasolive.com

Summer Reading Program party: If you participated in the Summer Reading Program, then you're in for a great treat! Join Mickelsen Community Library Saturday from 11 a.m.-1 p.m. for a huge party! Enjoy food, inflatables, crafts and more as the library celebrates the end of the Summer Program. 568-6156

Music Under the Stars: The Music Under the Stars summer concert series is 7:30-9:30 p.m., Sundays. 800 S. San Marcial. Free. elpasolive.com

Upper Valley Artists/Farmers Market: The Upper Valley Artist/Farmers Market is 11 a.m.-1 p.m. Sundays at the Substation on Doniphan at Sunset, Free.

Mission Trail Art Market: Area artisans and craftspeople display their fine arts and crafts the the Mission Trail Art Market, third Saturday of the month, 11 a.m.-6 p.m. through November in the historic Veterans Memorial Plaza in San Elizario. Pets welcome.

Free concerts in the park: The City of El Paso Parks and Recreation invites you to their free concerts in the parks in locations across the Sun City this summer. See Borderline Band at Argal Park Sunday. Free. 212-0092 or www.elpasotexas.gov/parks

Mike Epps: The actor/comedian Mike Epps performs at 7:30 p.m. and 10 p.m. Friday and Saturday, and 7:30 p.m. Sunday, at El Paso Comic Strip, 1201 Airway. Cost: \$32.50; available at ticketweb.com. Reservations: 779-5233, elpasocomicstrip.com

Road to TwitchCon Street Fighter V Tournament: The tournament consists of a series of 12 competitions at National Guard and Army garrisons across the country this spring and summer. Overall winners for the 12 sites will move on to compete in the finals at TwitchCon in San Diego in late September. Participants must be active-duty service members. Registration: Friday from noon-3 p.m. and Saturday from 9 a.m.-noon at the Monti Warrior Zone. Free. Ages 18+. 588-

BEYOND THE BARRACKS Hiking and history alive at Oliver Lee near Alamogoro



Photos by David Burge / Special to the Fort Bliss Bugle

Oliver Lee Memorial State Park is located in the foothills of the Sacramento Mountains in Dog Canyon, outside



Some spring-fed pools can be reached with some off-trail hiking in Dog Canyon.



One of the park's highlights is a recreated ranch house that depicts life around the turn of the 20th century.



Park manager Kate German points out some vegetation at Oliver Lee Memorial State Park.

MAKE PLANS ...

- Location: Oliver Lee Memorial State Park is 8 miles south of Alamogordo off U.S. 54. Take Dog Canyon Road about four miles east to the park.
- Fees: \$5 per vehicle and \$15 per bus for day use. Camping costs \$14 per vehicle for sites with water and electricity; \$10 per vehicle for other sites.
- Hours: Park is open 24/7. The visitors center is generally open from 9 a.m. to 4 p.m. but depends on staffing. You can pay at the self-serve "Iron Ranger" if the visitors center is closed.
- Group site: Is available for \$90 per day, plus applicable day use or camping fees. The group site includes a
- designated RV site and four walk-in tent sites. Tents can be pitched throughout.
- Ranch house tours: During the summer, tours are held at 10 a.m. on Saturdays. Starting in October, an additional tour is added at 10 a.m. on Sundays and from February to April, a tour is also held on Wednesdays at
- · Reservation: For group site and seven of the campsites, visit nmparks.com or call (877) NM-4-RSVP or (877) 664-7787.
- General park information: (575) 437-8284.

Oliver Lee near Álamogordo

By David Burge | Special to the Fort Bliss Bugle

You might have zoomed by Oliver Lee Memorial State Park while on the way to Alamogordo or Ruidoso, New Mexico, but if you have never stopped for a visit, you are missing

The park is located 8 miles south of Alamogordo off U.S. 54 and offers a spectacular desert oasis with lots of opportunities to hike, camp and learn about the history of the Borderland dating back to the Wild West days.

Most New Mexico state parks are fishing or lake-oriented. Oliver Lee is much different.

"This is more hiking and history," said Kate German, the park manager for Oliver Lee. "The big focus is on camping. The big draw is the (cooler) weather in the spring and fall, the hiking and the history."

The 620-acre park can also serve as a convenient base to explore nearby White Sands National Monument, Ruidoso, the Lincoln National Forest and the New Mexico Museum of Space History in Alamogordo.

The park is named after Oliver Lee, a colorful rancher who lived in this area around the turn of the 20th century.

A reconstructed version of Lee's ranch house is one of the highlights at the park.

The ranch house can only be seen on a guided tour. It's a great way to see and experience the history of ranch living from more than 100 years ago.

The ruins of a cabin used by another historic character - Francois-Jean "Frenchy" Rochas can also be seen near the park's visitors center as can several rock walls that were built by Frenchy, German said.

The park features two hiking trails that cater to all skill levels.

The challenging Dog Canyon Trail goes to the top of the Sacramento Mountains and gains about 3,100 feet in elevation. It's an 11-mile round trip, but many people turn around at the 3-mile mark where there is an historic rock structure that used to be a ranching cabin and a spring that flows some of the time

Some people park a car on the other end and hike from Oliver Lee to Sunspot, New Mexico, for a strenuous 10-mile trip.

For the less adventuresome, there is a nature rail that leaves from the park's visitors center This is about 800-feet long and ends at a picnic table. You can go off trail there and walk up to some pools and springs. When the water is running a lot, the pools can be as deep as your

"It's not something you would expect to see around Alamogordo," German said.

The park has 44 campsites that offer spectacular views of the Tularosa Basin to the west and the Sacramento Mountains to the east. Sixteen of the sites have water and electricity. Seven can be reserved year-round, with an eighth that can sometimes be reserved.

There are also nine sites that have designated tent pads.

The park also has a group site that can be reserved. It has a designated RV site and four walk-in tent sites. You can also pitch tents throughout the group area.

Other amenities include: a restroom with running water and showers in the center of the campground; a lighted path way to the main restroom; a vaulted toilet in the southern part of the campground near the tent sites; and a visitors center with running water and restrooms.

Water is also located at different spots throughout the campground.

AMIE program provides full-spectrum learning

By Staff Sgt. Antwaun Parrish | USACE - Far East District

CAMP HUMPHREYS, South Korea – Working alongside industry experts provides university interns with a comprehensive and elaborate spectrum of experience, which can help them secure employment in the future.

Oluwaferanmi Ogundana, a junior civil engineering student, and Samuel Coleman, a senior civil engineering student, were both selected as the Advancing Minorities' Interest in Engineering interns for the U.S. Army Corps of Engineers, Far East District.

The AMIE program provides the interns with real world experience in several capacities throughout the district.

Ogundana attends Morgan State University and said he selected this program for his first internship because of his interest in learning new skills and his interest in East Asian culture

"This is the first time I have been this far away from my parents, and I wanted to experience that feeling," said Ogundana. "I was interested in Korean culture and the technology here. When they started telling us about 5G being in use here, it was impressive to me."

The district interns are placed on a learning rotation throughout their stay where they worked within the project management, engineering and construction divisions during the nine-week program. This rotation provides them a full scope of how daily and long-term operations are executed here.

According to Ogundana, in school he is shown what he can look forward to within the engineering field, but in the field he can see the process, which he describes as eye-opening.

"I actually know what the program managers are doing and what the construction and engineering teams are doing throughout the project development process," said Ogundana. "It actually put everything into perspective and gave me more of a focus of what I can reach toward. I came here with the idea that I wanted to learn engineering, but definitely my eyes opened up to program management, and the construction division."

He continued that it is fun going to construction sites and observing the facilities actually being developed.

"When I was in school I was looking at a screen and they were trying to describe [project management] to me," said Ogundana. "Now that I actually see it I can actually understand it more, and I feel like it is going to help with my upcoming year in school."

Ogundana said he wished that the district would implement a winter program, however, he is definitely interested in being selected as an intern next summer.

Coleman attends Tennessee State University, and said that he wanted to experience working outside of the United States. He said that he expected to learn the full range of project management and how it all ties together for project delivery.

"I wanted to learn why the Corps of Engineers was so prevalent in influencing other engineering companies, and why it was a great place to work," said Coleman. This is his fourth internship and as he completes his senior year this fall, he said that he feels prepared to apply what he's learned towards his career.

"This experience will assist me with future employers and describing my experience to them," said Coleman. "This internship was different because it provided me the full scope of engineering and I appreciate this experience."

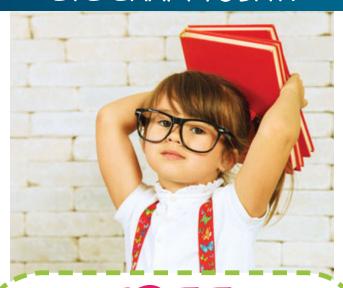


Staff Sgt. Antwaun Parrish / USACE - Far East District

Oluwaferanmi Ogundana, a Morgan State University junior civil engineering major, is interviewed at a construction site at Camp Humphreys, South Korea, July 15. Ogundana is currently working as an intern at the U.S. Army Corps of Engineers, Far East District, as a part of the Advancing Minorities' Interest in Engineering program.

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Military appreciation can make 'problems' minor league

By Lisa Smith Molinari | www.themeatandpotatoesoflife.com

I was running late, as usual. A mini-crisis had erupted on email at home, and typing an emergency response had put me behind schedule. My tires squealed turning past the "Lot Full" sign at the parking lot entrance across from the ballpark. I gave the attendant as pathetic a look as I could muster, but before I could beg, he waved his hand toward a space that had just opened up.

After parking, I jogged toward the spot where I had agreed to meet my 24-year-old son, Hayden. He had called two weeks prior to tell me that his employer, Raytheon, was sponsoring Military Appreciation Night at a Newport (R.I.) Gulls baseball game. Did I want to go with him? he wanted to know. I jumped on the rare invitation from my quirky, loner, too-intelligent-for-his-owngood, software-engineering son.

Hayden was there, as promised, standing in front of the green wooden entrance to Cardines Field, one of the oldest ballparks in the country. The night's New England Collegiate League game was between our own Rhode Island Newport Gulls and Massachusetts's New Bedford Bay Sox.

Hayden fished our tickets from the overloaded pocket of his gym shorts, and we entered the old stadium to find seats among the wooden bleachers littered with peanut shells. The tiny ballpark looked more like a little league field than a place where future pros might play, but I loved the nostalgia of it.

As it was Military Appreciation Night, a microphone-adorned emcee dressed in red striped pants and a star-studded blue jacket was announcing the names of veterans gathered behind the pitcher's mound. Navy Band Northeast musicians stood nearby in their crackerjack dress whites, their horns glinting in the setting sun. Past first base, four uniformed reservists held flags, ready to parade the colors onto the field for the National Anthem.

While veterans threw first pitches, the seagull-costumed mascot "Gully" interacted with the modest crowd of Monday night spectators, people lined up for hot dogs at concessions, and young boys fought for spots closest to the Gulls dugout where they

could watch the players – gods in their eyes. The team was made of college boys hoping to make it to the majors one day; the players spit, swung, stretched and looked as if they couldn't have cared less.

I, too, wasn't paying much attention. I cared more about my email crisis, and couldn't wait to read the latest string of messages on my phone.

"Mom, you're gonna miss the first batter," Hayden scolded while I was texting friends involved in the drama. I watched the first two innings, glancing clandestinely at the phone in my lap, and wondering if I'd get out of there in time to watch "The Bachelorette."

After the second inning, the Gulls were up four to zero. Hayden made his way down to the concession line for drinks and peanuts, and of course, I buried my face in my texts, complaining to friends about the stress of my crisis du jour.

But then, the speaker crackled with the emcee's voice. Near the third base line, a bearded man with a prosthetic limb caught my attention. The emcee introduced him as Army Sergeant Brandon Deaton, who was accompanied by his wife and two small children.

Deaton, the emcee explained, lost his left leg in a roadside explosion in Iraq.

Quite suddenly, the crowd quieted and even the players took notice.

The emcee announced that he had a surprise for Deaton and his family. From the stands, an all-terrain wheelchair rolled out, donated by The Independence Fund of Rhode Island. Deaton, stunned, sat in the state-of-art device, and drove it onto the pitcher's mound while the crowd looked on in silence.

Then, one by one, people stood up from their phones and peanuts and licorice whips. I stood too, and we all applauded this brave American hero. In that moment, the disordered priorities of my world were magically reset, and as a fat tear rolled down my cheek I could see what was truly important again.

Major crises become bush league annoyances when one considers those who give life and limb to serve the U.S. military.







>> STRONG COMMUNITY

EP County Commissioners court recognizes 1st AD Soldier

Spc. Matthew Marcellus / 1st Armored Division

Sgt. Laderius Beattie, a human resources specialist assigned to Headquarters and Headquarters Battalion, 1st Armored Division, reacts after receiving a certificate, plaque and a flag flown over the El Paso County courthouse from Commissioner Carl L. Robinson, center, the representative of El Paso County's Precinct 4, as Commissioner David Stout, the representative of Precinct 2, looks on at the El Paso County Commissioners Court, July 8. Beattie, the 1AD Soldier of the Year, addressed the court prior to the recognition.

USASMA SLS team gets hands-on ACFT training

By Danielle O'Donnell | NCOL CoE

The Senior Leader Sustainment team at the NCO Leadership Center of Excellence, directly impacts the mission of enhancing Soldier readiness. Recently they hosted training to familiarize all SLS staff members on the required events for the new Army Combat Fitness Test and learn the do's and don'ts for each of the six events.

"Broadening their knowledge base on the ACFT helps them better inform the public and better inform the student population about the physical rigor involved to pass the ACFT," Command Sgt. Maj. Jimmy Sellers, the commandant of the NCOL CoE, said. "This also helps them tie in their education, as they are giving classes on the ACFT."

The team gathered at the NCOL CoE physical fitness field to obtain a better understanding of the testing process and grading procedures in order to assist the students

attending the U.S. Army Sergeants Major Academy.

"In our SLS in-service we reviewed grading criteria, important points for form and overall logistics as to what the test should look like when implemented. The class was a broad overview of details that are outlined in the most recent draft of the Army Combat Fitness Test Handbook," said Capt. Jamie Musen, the SLS physical therapist.

The team is involved in ongoing initiatives to assist students in improving their physical performance as well as their overall health while attending USASMA, while focusing on holistic wellness.

Each SLS member was given the opportunity to try out each event, learn proper form and ask questions which can help them in helping others. During the 3-Repetition Maximum Deadlift, the members were informed to look for hips moving above the

shoulders, excessive rounding of the shoulders, knees collapsing inward, and the dropping of weights which can all result in an injury to the ACFT participant.

The SLS team has designed most of their classes for USASMA to support ACFT preparation with the goal of minimizing the risk of injury, as well as minimizing the risk of aggravating chronic injuries.

"A class on the leg tuck will cover both technique and grading criteria for the event itself, as well as how to properly build strength for that event if a student is struggling with it," said Musen. "Even our high-intensity interval training and Tabata classes give students ideas for higher intensity training that help prepare for events that require shorter bursts of energy, such as the power throw and sprint/drag/carry event."

Other classes provided through the SLS for ACFT prep included a deadlift class and

a core strengthening class which are created to improve the Soldier's performance on several ACFT events.

The SLS has multiple interactions with the students of the Sergeants Major Course, from the moment they start their SLS assessment after in-processing, and throughout their time attending the SMC. The mission of the SLS is to provide senior leaders at USASMA with a highly-personalized and customized multi-disciplinary wellness assessment based on the tenets of nutrition, resilience, and activity. This occurs within an educational environment in order to enhance their understanding of the complex interplay between leadership, health, fitness, and readiness.

For more information on the SLS program visit the NCOL CoE website at https://ncolcoe.armylive.dodlive.mil/senior-leader-sustainment.

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(315 Pershing Road) Liturgical Service Sunday 10 a.m.

Hope Chapel

(2498 Ricker Road)

Crossroad Service Sunday 9 a.m. Samoan Service Sunday 11:15 a.m.

1st Armored Division

(11272 Biggs St.) Gospel Service Sunday 8:45 a.m. Chapel Next Sunday 11:30 a.m. Latter Day Saints Service Sunday 1:30 p.m.

USASMA Memorial Chapel

(11275 Biggs St.) Traditional Service Sunday 10 a.m.

WBAMC Protestant Community

(5005 N Piedras Dr.) Protestant Service Sunday 10 a.m.

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Catholic Women of the Chapel (Bldg. 2498 Hope Chapel)

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Protestant Women of the Chapel (Bldg. 11272 1st AD Chapel)

Thursday 9:00-11:30 a.m. Teen Connection - Teens of the Cha-

pel (6-12 grade) (Bldg. 11272, 1st AD Chapel) Saturdays 6-9 p.m.

CATHOLIC WORSHIP SERVICES

St. Michael's Catholic Community

(1542 Sheridan Road) Weekday Mass 11:35 a.m. Wednesday Confession 10:35 a.m. Saturday Confession 4 p.m. Saturday Mass 5 p.m. Sunday Mass 8 a.m. Sunday Mass 11 a.m. 1st Friday of the Month - Adoration 1 p.m.

WBAMC Hospital Chapel

(5005 N. Piedras Dr.) Weekday Mass 12:05 p.m. Saturday Mass 5 p.m. Sunday Mass 8 and 11:30 a.m.

German Chapel (5312 Buffalo Soldier) Sunday Mass 10 odd days

OTHER RELIGIOUS SERVICES

Jewish Chapel

(Bldg. 1441) Friday Oneg Shabbat 7 p.m.

Islamic Service

(Bldg. 442) Friday Jummuh 1:30 p.m. Sunday Ta'Aleem 12:30-2 p.m.

Buddhist Service

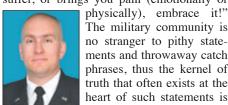
(Bldg. 449 Pershing Road) Thursday 6 p.m. Intro to Nichiren Buddhism 2nd Tuesday 5 p.m.

Embrace life's adversities

By Chaplain (Capt.) Joshua Jackson | 2-43 Air Defense Artillery

Embrace the suck.

A phrase many may have heard and, reluctantly, offered in a moment of frustration or trial. It is a phrase that essentially means, "The situation is bad, deal with it." Or it can mean, "Even though what you are doing or going through is hard, causes you to suffer, or brings you pain (emotionally or



Joshua Jackson hearing it.

The military community is no stranger to pithy statements and throwaway catch phrases, thus the kernel of truth that often exists at the heart of such statements is Chaplain (Capt.) lost on those employing or

I can't remember the first time I heard the phrase "embrace the suck," but I remember hearing it repeatedly at Fort Jackson during every training event that took place on a hot day (which was roughly every day). I did not appreciate hearing it at the time, and I cannot vouch for the sincerity of those who offered it up to me, but as I reflect on that season of my life, and many before and after it, I must admit there was a valuable lesson in

In the Book of Ecclesiastes, it is written that "there is a season, a time for every purpose under heaven" (Ecclesiastes 3:1, NKJV). The author includes things like birth and death, weeping and laughing, and war and peace. Whether it be the things that bring the most joy, or the most pain, there is a season for it. The duration of that season varies from person to person; nevertheless, it is just that, a season. Though telling, or being told, to "embrace it" may be ascribed to something quite trivial, the kernel of truth rings true as it echoes the words of Ecclesiastes 3.

When we find ourselves in a season of trial, a season that tests our resiliency, we can quickly find ourselves losing sight of the

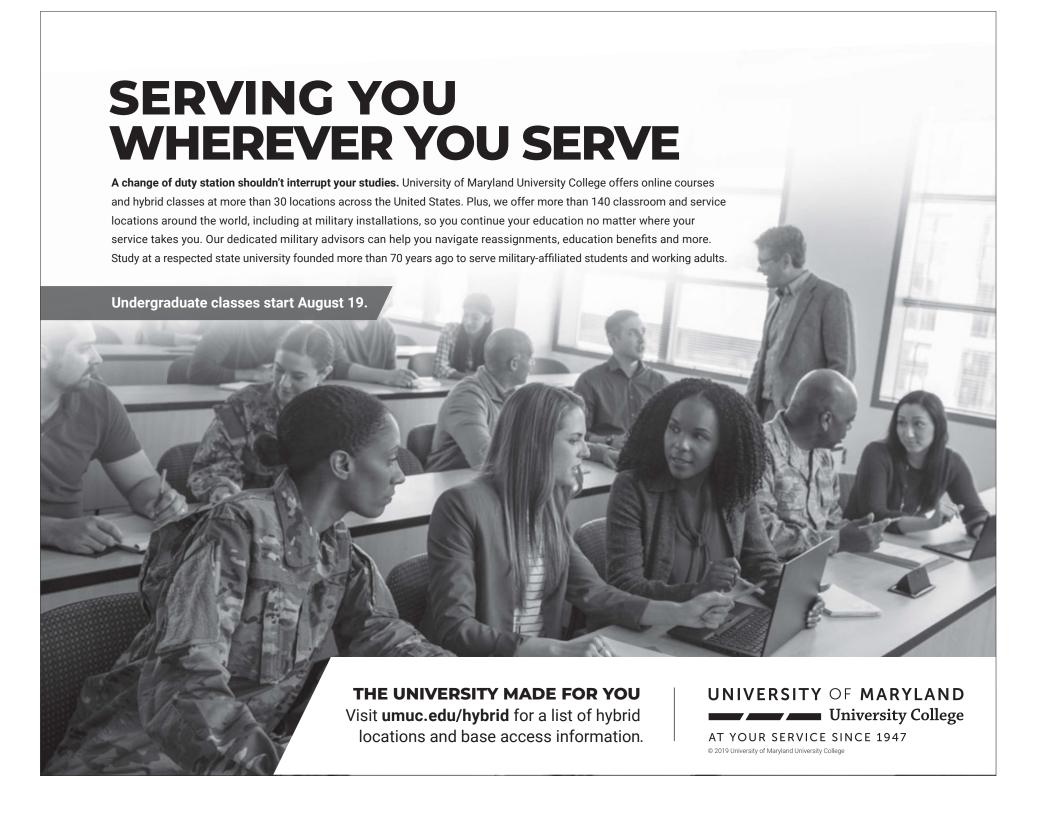
Whether it be the things that bring the most joy, or the most pain, there is a season for it.

big picture. Instead of being reminded of the good and bad that preceded, and will likely follow, our present hardship, we get bogged down in focusing only on how bad things are, how much the situation sucks. But this is precisely why we must embrace our suffering. Sure, everything is not fine; our world is not filled with rainbows and butterflies, but this is why we grit our teeth and embrace it. Like Spring, Summer, Fall, and Winter, it will pass. The season will have its moments where it seems that there is no light at the end of the tunnel, but it will pass.

The question is, will you embrace your present hardship and escape the season unscathed, or will you succumb to the pressure and come out on the other side jaded and de-

Those that embrace it, whatever it is, taking on their season of hardship head-on, they are the ones who find the reward, that little kernel of truth. Things do not get magically better on the other side, but the lessons learned more than make up for the trial. It is through the trials of life that we find our resiliency, we find our ability to stand more confident, with greater purpose, and with greater ability to navigate future trials and tribulations

When we "embrace the suck," we set ourselves up to be stronger individuals and more capable friends and battle buddies to those around us dealing with their own hardships. So yes, the phrase may be overused and undervalued, but when you find yourself in a season of hardship, when you feel like things are at their worst remember, embrace it. Face your season of trial head on, and keep your eye on the horizon, there is a light at the end of the tunnel.





SPORTS. PRT is an integral part of a Soldier's day.

Cancer survivor rucks 150 miles to raise funds for pediatric cancer

By Thomas Brading | Army News Service

FORT MEADE, Md. - For a civil affairs reservist, beating cancer was the first step in a 150-mile ruck march to raise money for pediatric cancer.

While Spc. Shayn Lindquist participated in the 2017 Army's Best Warrior Competition, his vision started becoming "fuzzy." However, he didn't know it was about to change his life.

At the time, "it didn't strike me as anything too serious," he said, regarding his blurred vision. "Then it became more persistent and harder to ignore."

Lindquist, a Michigan native and former hockey player at Central Michigan University, had no reason to think his blurred vision was from anything more than a minor injury. He considered himself to be in great health, but to be sure, he went to an eye doctor.

The doctor found nothing wrong with his eyes, but recommended an MRI. The results stopped him in his tracks. He had a brain tumor. A biopsy would later confirm it was cancerous.

"I was in shock," he recalled. "I couldn't believe what I was hearing. After I got off the

phone [with the

doctor], I didn't

know what to

Lindquist sat

quietly in his

college dorm,

unable to pro-

cess the infor-

mation. After

the news sank

first,

do."

At

"Hard times are going to come, but it's important to always stay positive."

>> Spc. Shayn Lindquist

in, he picked up his phone and called his par-

ents. From day one, his mom never left his side; he says she attended every medical appointment and gave him strength.

With a positive outlook, he didn't let cancer slow him down. While working toward his undergraduate degree, studying international relations, he continued attending drill weekends with the 414th Civil Affairs Battalion, and remained re-

In school, he kept a 3.6 GPA, in spite of often driving nearly four hours from Mount Pleasant in central Michigan to Ann Arbor, near Michigan's southeastern corner, for medical treatments.

Shortly after his spring semester, he began medical treatment at the University of Michigan. Lindquist was allergic to the medicine that university doctors first attempted to use. So, the doctors tried Benadryl to combat his initial allergic reaction, which also failed. On the



Spc. Shayn Lindquist, a 414th Civil Affairs Battalion Soldier, recently completed a 150-mile ruck march to raise money for pediatric cancer. His organization, "Ruck for a Cure," raised more than \$3,000 in donations. Lindquist organized the event after beating cancer.

third try, they successfully measured an appropriate dosage.

'Once I was able to start chemotherapy, things started going good," he said.

After completing chemotherapy, he began the next step - radiation therapy. However, unlike the chemo, which his body responded to well, radiation took a heavy toll on him. He lost a lot of weight, his hair began falling out, and his immune system became very weak.

"I wanted to sleep all day," he said, I've never been more tired in my life.

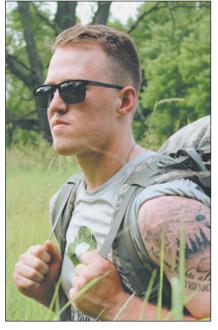
He pushed forward and in November 2017, six months after his diagnosis, he successfully went into remission and has been cancer free since.

While receiving treatment, Lindquist started a nonprofit organization that quickly developed into his "Ruck for a Cure" event. The 150-mile ruck march, beginning in Clare, Michigan, to the Mackinac Bridge, a suspension bridge connecting Michigan's upper and lower peninsulas, raised money for charities dedicated to fighting pediatric cancer.

During its inaugural year, "Ruck for a Cure" raised more than \$3,000. The next Ruck for the Cure is scheduled for Aug.

"I just wanted to prove to myself I could physically do it," he said. "That's how the idea started, from there I wanted to help others, too."

Half of the proceeds went to Special Days Camp, a camp for children with cancer and their siblings where Lindquist volunteers during the summer, and the other half went to St. Jude's Children's



Lindquist's organization, "Ruck for a Cure," raised more than \$3,000 in donations to raise money for pediatric cancer. Lindquist organized the event after beating cancer.

Down the road, Lindquist's goals are to complete his undergraduate degree in December, and to continue raising money for pediatric cancer patients with his next ruck march. He also wants to eventually become an Army officer.

"The Army inspires me to keep a strong mindset," he said. "Hard times are going to come, but it's important to always stay positive. For me, this was a minor bump in the road."

Sports Briefs

3-on-3 hoops: It's a 3-on-3 basketball tournament Saturday from 4 to 10 p.m. at the Monti Warrior Zone! \$15 per person, per tournament. Cost includes a t-shirt and one drink of your choice. Open to the public, ages 18+. 741-3000

El Paso Chihuahuas: The city's AAA baseball team hosts the Las Vegas 51s at 7 p.m. Friday and Saturday, and 6 p.m. Sunday, at Southwest University Park on Santa Fe Street in Downtown El Paso. Cost: \$11-\$30. 533-BASE or EPChihuahuas.com. Friday is "Bark at the Park," take your dog to the ballpark.

UFC Fight Night: Catch UFC Fight 240, 6 p.m., Saturday at Monti Warrior Zone! Free.741-3000

Road to TwitchCon Street Fighter V tourney: Army Entertainment and the Army National Guard present the Road to TwitchCon Street Fighter V Tournament. The tournament consists of a series of 12 competitions at National Guard and Army garrisons across the country this spring and summer. Overall winners will move on to compete in the finals at TwitchCon in San Diego in late September. Must be active duty. Registration is Friday from 12-3 p.m. and Saturday from 9 a.m.-12 p.m. at the Monti Warrior Zone. Free. Open to ages 18-older. 588-8247

Ruidoso Grindstone Trail Runs: Ski Run Road Challenge hosts the 4-mile, 8.5-mile and half-marathon runs on the multiple use trail system at Grindstone Lake, two miles from Downtown Ruidoso at 7:30-11 a.m. Saturday, starting and finishing at Wingfield Park's Grindstone Lake Trails. Half-Marathon and 8.5K wave starts at 7:30 a.m. and 4-mile wave at 7:45 a.m. Cost: \$45 half marathon, \$35 8.5-mile run and \$25 4-mile run July 12-26. Race day registration: \$50 half marathon and 8.5-mile run, and \$40 4-mile run. Carry your own water container. One refill station on the 8.5-mile and half-marathon routes. raceadventuresunlimited.com or words0250@gmail.com

Kids golf for \$5: Join Underwood Golf Complex as children get to play golf for \$5 Monday-Friday. It's open to children 16-younger, they must walk, can only ride in a cart with a paying adult. Children ages 12-younger must be accompanied by an adult. 568-1059

Indoor cycling: Get back on the bike and push your endurance at Indoor Cycling. Classes are held at Soto and Stout PFC. Cost: \$3 or \$35 unlimited monthly pass. 744-5800

Hook a Spouse on Golf Clinic: Underwood Golf Complex will have their Hook a Spouse on Golf Clinic every second Wednesday of the month now until September. All spouses of active-duty Soldiers or retired military are welcome to learn the fundamentals of golf for free by PGA certified instructors. The clinic is from 9-10 a.m. Range balls and clubs provided. 568-1059

SPRINT: This 30-minute High-Intensity Interval Training uses an indoor bike to achieve fast results. Classes are held at Soto PFC. Cost: \$3 or \$35 unlimited monthly pass. 744-5790

Group tennis for beginners: Group tennis class for beginners will be held from 8:30-10 a.m. every Monday and Wednesday at Bldg. 262 on Club Road. Tennis rackets will be provided. 569-5448

Texas Basic Hunters Education Class: Head over to Rod and Gun Club on the second Saturday of every month from 9 a.m.-3 p.m. This Texas Basic Hunter Education Course is a six-hour classroom taught by a Texas Parks & Wildlife-certified instructor, It will cover hunting rules and regulations, ethics and responsibility, wildlife management, conservation, safe firearms handling, cleaning and storage, outdoor skills, survival and First Aid, field exercises and more. Cost: \$15 and registration is required. It's open to the public. 594-0159

Texas Concealed Handgun License classes: The Fort Bliss Rod and Gun Club offers Texas license to carry classes from 8 a.m.-5 p.m. the first and third Saturday of every month. This course fulfills the legal requirements for training to carry a handgun either openly or concealed for self-defense. Cost: \$45-\$80 depending upon membership status Active-duty military license fees are free. Rod and Gun Club rents guns for classes for \$10. Open to the public. bliss.armymwr.com or call 861-

Early Bird Golf: Swing by Underwood Golf Complex for Early Bird Golf. Play nine holes Monday through Friday from 6 a.m. to 9 a.m. for \$15, price includes cart rental. 568-1059

Iron Divas: This class is designed to improve muscular strength and endurance. Classes are held at Soto PFC 9-10 a.m. Cost: \$3 or \$35 unlimited monthly pass. 744-5800

BodyCombat®: BodyCombat is a high energy martial arts inspired workout that is totally non-contact. Punch, kick your way to fitness and burn up to 740 calories in a class. No experience needed. Soto and Stout PFCs. Cost: \$3 per class or \$35 for an unlimited monthly pass, 744-5800

Body Flow: During Bodyflow you'll stretch through a series of simple yoga moves and embrace elements of Tai Chi, and Pilates. You'll strengthen your entire body and leave the class feeling calm and centered. Classes held at Soto PFC. Cost: \$3, or \$35 unlimited monthly





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Follow these tips for optimal hydration.

USAPHC illustrations

BEAT THE HEAT

Army public health experts offer 10-miler training tips

By Douglas Holl | USAPH

ABERDEEN PROVING GROUND, Md. – For many runners, slogging along in the hot sun is a quick way to shut down a good training run. Before heading to the shade, keep in mind that the best training involves running in conditions one may face in actual competition. Although some runners may be hoping for a cool and cloudy day for the Army 10-miler in October, acclimating to the summer heat can provide a competitive edge on race day.

"It is important to acclimatize your body to the heat," said Dr. Alexis Maule, a Defense Health Agency epidemiologist who works at the Army Public Health Center. "Start your training with short distance runs and slowly work your way to longer time and distance spent running in the heat. It can take several weeks for your body to adjust to training in the heat."

Maule recommends avoiding running in the middle of the day when the sun is at its peak.

"If possible, train early or late in the day to avoid the hottest times of the day or find a running route that has plenty of shade," said Maule. "You will get the same benefits of the aerobic exercise while avoiding unnecessary sun exposure."

Maule recommends runners use sunscreen and eyewear that blocks UV rays to provide protection from the sun.

"Sunburn is the most common sun exposure risk runners face during training and competition," said Maule. "Sunburn inhibits the skin's ability to release body heat, which increases the risk of heat illness. High heat and humidity are also environmental risks that runners face during training and competition. Repeated sun exposure can also lead to skin cancer."

Maule recommends runners balance the goals of comfort by having loose, breathable clothing, which is important for protecting them from environmental hazards such as sun exposure.

One of the dangers of running in the sun is heat illness, which refers to a range of conditions which includes heat cramps, heat exhaustion and heat stroke. Heat stroke is the most severe and requires immediate medical attention. Runners may develop symptoms including light-headedness, dizziness, fatigue and muscle cramps.

There is no specific time of onset for heat illness symptoms, said Maule. The timing of symptoms can depend on many factors, including the outside conditions (temperature, humidity, wind, and direct sun exposure), the intensity of the workout, and the physical fitness of the runner as well as their intake of fluids, electrolytes and calories before, during and after a run. When enough of these factors combine, runners can lose the ability to regulate their own temperature. Immediate cooling are the two most important words to remember when heat illness is suspected.

"If you are on a training run, find a shady area to rest and remove extra layers of clothing," said Maule. "If water is accessible, take sips of cool water and splash water on your head, neck, arms and legs."

To avoid dehydration, runners might have to make themselves drink when they are not



thirsty," said Joanna Reagan, registered dietitian at the Army Public Health Center.

"It doesn't take much water loss for your performance to suffer," said Reagan. "With only 5 percent body weight of water, your speed and concentration are reduced. It doesn't matter how fit you are, what your body composition is, or how old you are, you can easily become dehydrated. It can happen quickly when you are physically active, especially in extreme climates."

For longer runs, Reagan recommends runners try different systems to determine what works best for them, such as a handheld running bottle, a waist belt or a running hydration vest.

"It is a good idea to drink water or fluids every 20 minutes," said Reagan. "If you are out for less than an hour, then water is the best choice. If you are running longer than an hour then you are losing electrolytes and if you lose too many electrolytes, your performance can suffer."

Reagan says the key for replacing electrolytes is sodium and potassium along with calcium and magnesium. The easiest way to do with is with an electrolyte replacement sport drink. There are also powders or tablets that can be mixed with water runners can carry with them on their route.

The first signs and symptoms for dehydration are a slight headache and dark colored urine, said Reagan. As dehydration worsens, symptoms are thirst, muscle cramps, fatigue and decreased heart rate. Runners need to listen to the signs and symptoms of their bodies and slowly sip on a fluids to help rehydrate.

"Water, sports drinks, diluted fruit juice, milk and milk alternatives are good choices," said Reagan. "Don't forget about food choices high in water content such as fruit, vegetables, soups and yogurt."

Drinking too much plain water or not eating enough sodium can result in hyponatremia (low sodium levels in your blood), said Reagan. This can be very serious, if not treated. Women can be at greater risk than men of developing exercise-associated hyponatremia. The signs and symptoms include headache, vomiting, swollen hands and feet, confusion and wheezy breathing.

"During exercise, limit fluids to four cups per hour or six cups in hot weather to avoid hyponatremia," said Reagan. "Do not drink more than 12 quarts per day."

The APHC Heat Illness Prevention and Sun Safety page has information and resources on prevention, detection and treatment of heat illness: https://phc.amedd.army.mil/topics/discond/hipss/Pages/default.aspx.

OFF DUTY

Off Duty is a compilation of military-affiliated information and events focused on the Soldier, their family members and veterans. Information should be 100 words or fewer and contain no editorializing. An informational brief that is not time-specific will not run for more than four weeks. Submissions are due no later than Friday for publication in the following week's paper. To learn more, call 568-4088.

Bliss Briefs

Attention FBWSC customers: Fort Bliss Water Services Company announces an amendment to our recently published "2018 Consumer Confidence Report." This is a correction to our notification sent by mail, which contained an incorrect website address. The corrected address is http://www.asusinc.org/images/uploads/bases_we_serve/_Ft_Bliss_CCR_2018.pdf. Printed versions of this report are also available by calling FBWSC at 564-1332.

Bliss legal to close for DONSA: The Fort Bliss Legal Assistance and Claims Offices, located on the first floor of Bldg. 113 on Pershing Road, will be closed Aug. 2 and Aug. 5 during

LRC August closure: LRC-Fort Bliss SSA SLOG AY11 will be closed Aug. 5-9 for a 100 percent Wall-to-Wall inventory. Direct all questions to the AY11 Warehouse Supervisor and/or Assistant Supervisor, or 412-7401, or 412-7423.

Bliss museum closed Saturdays: The Fort Bliss and Old Ironsides Museum will be closed Saturdays through July. The museum, located at 1735 Marshall Rd., is open Wednesday-Friday, 8:30 a.m.-4 p.m. 568-5412

Eye exams: Optometry Services at Mendoza and SFMC Clinics are open for routine eye exams for dependents and retirees enrolled in TRI-CARE Prime and Tricare For Life. If you have had a routine eye exam on the economy through TRI-CARE or other health insurance in the past year, please do not book an appointment until it is time for your next exam. To schedule an eye exam, call the Mendoza Optometry clinic at 742-2229 or SFMC at 742-2390.

Lower Beaumont traffic disruptions: Trucks may cause traffic disruptions in Lower Beaumont until late November, according to the Fort Bliss Department of Public Works. Road closures are not expected, but the work could in the spice of the surface of th clude noise and dust. The work will be scheduled Mondays-Saturdays, 6:30 a.m.-6:30 p.m. Only five trucks a day will be used for the first few weeks with a gradual increase to 10 trucks a day TARP training: Fort Bliss offers Threat Awareness Reporting Program training at two locations monthly. Get your learn on at the Soldier Activity Center on East Fort Bliss on the second Tuesday of the month, or at Stayton Theater on West Fort

Free books for deploying troops: Deploying soon? Come to the Mickelsen Community Library and pick up a unit book kit. The book kits contain a selection of popular fiction and non-fic-tion paperback items. 2 Sheridan Rd (Under the NCOA). Free. 568-1902

Auto Crafts facility-use orientation: The Auto Craft Center offers mandatory safety orientations for their customers Wednesdays and Thursdays at 6 p.m. Orientation is required before use of the facility for automotive do-it-yourself projects. DoD ID card holders only. 820 Marshall Rd. Free. 568-7280

Go Youth

SKIESUnlimited: SkiesUnlimited offers a variety of fun and educational programs geared for children of all ages and talent levels. Music classes like piano, voice, guitar and drums are available. SKIES also has a variety of art, sports, driver's training and babysitting courses. 568-5544

Child Range Orientation class: The Child Range Orientation class is a one-hour child firearm safety course required for children ages 6-17 to accompany parents or guardians at Rod and Gun Club live fire ranges. Children must be accompanied by a parent or guardian. Open to the public. 568-5426

Teen Basic Automotive Maintenance Class: SKIESUnlimited will be hosting this event every second Saturday of the month. When the class is completed, students will receive a safety card to work at Auto Crafts. Cost: \$25, registration is required and can be done at SKIESUnlimited. 568-5544

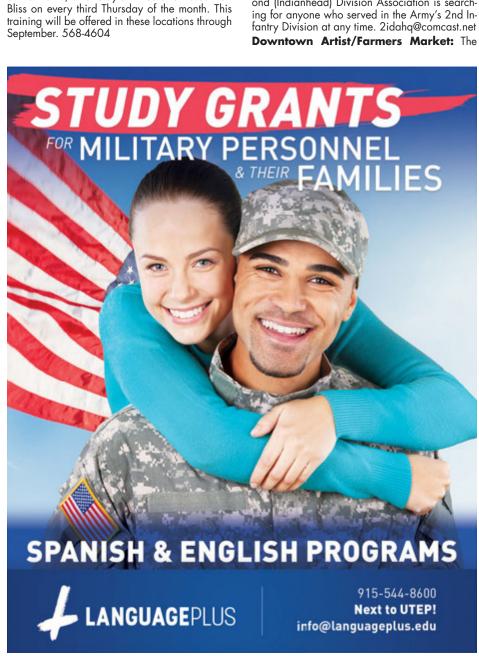
SKIESUnlimited Folklorico Dance: Join SKIESUnlimited for their Folklorico Dance Class open for children ages 6-18 years old. Cost: \$40 per month and held every Saturday from 12:15-2 p.m. 568-5544

Community

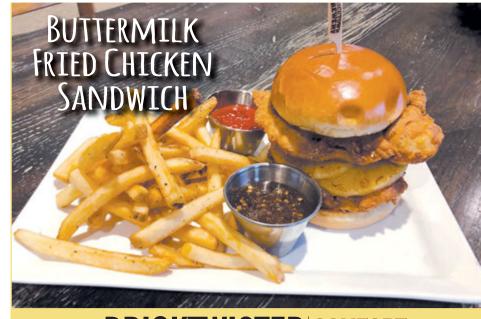
El Paso Sky Lantern Festival: The Sky Lantern Festival will be held Saturday-Sunday, 5-10 p.m. at their newly acquired 100 acre land in El Paso. Attend one day or camp out with us overnight and enjoy another day full of good food, merchandise vendors, Beer Pong without the beer, corn hole, archery, face painting, meet and photo session with the princess, Beer Tents, and an awesome music session. Tickets: \$10-\$180. Location to be emailed with registration.

Free concerts in the parks: The City of El Paso Parks and Recreation invites you to their free concerts in the parks in locations across the Sun City this summer. See Borderline Band at Argal Park Sunday. Free. 212-0092 or www. elpasotexas.gov/parks

2ID vets group seeks members: The Second (Indianhead) Division Association is search-







BRICKTWIZTED COMFORT FOODS

Bricktown has 4 New Bricktwisted™ **Comfort Foods Menu Items!**

Buttermilk Fried Chicken Sandwich with Salt & Pepper Honey

Chicken breast marinated in our house buttermilk blend then breaded and fried. Caramelized pineapple slices inside the sandwich. Drizzled with salt & pepper honey and served on a brioche bun. \$9.75

Beyond Burger™

Plant-based burger topped with tomatoes, leaf lettuce, bread & butter pickles and twisted burger sauce on a brioche bun. \$13.50

Pork Green Chili Enchiladas

House-roasted pork, pork green chili and cheese inside flour tortillas. Topped with queso, green chili, sour cream and cilantro. Served on a bed of rice and beans. Pico de gallo and lettuce on the side. \$14.75

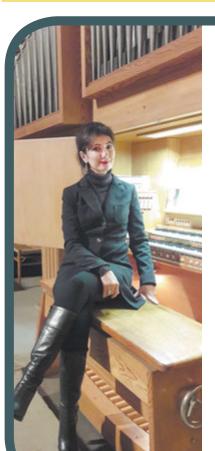
Pretzel Smores

Pretzel bites tossed with Ghiradelli™ chocolate sauce, marshmallow cream and topped with crumbled graham crackers and toasted mini marshmallows.



8889 Gateway Blvd. W El Paso, TX 79925 258-2739

Hours: Mon-Thur 11-11 Fri-Sat 11am- midnight | Sun 11-10 *The Fountains at Farah (lower level)*



Tamara Badalyan

Notable Armenian-German Organist

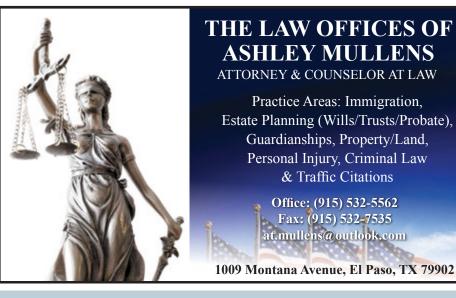
ALL SAINTS EPISCOPAL CHURCH

3500 McRae Blvd., El Paso (1 block off Montana)

Sunday, August 25 3:30 p.m.

Music by Bach, Franck, Armenian composers and other Masterworks

Admission is free but contributions are encouraged in support of this outstanding concert.





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City of El Paso Museums and Cultural Affairs Department's market for area artists and regionally grown agricultural products is 9 a.m.-1 p.m. each Saturday in the Union Plaza District along Anthony Street. 212-1780 or elpasoartsandculture.org

Placita Madrid Sidewalk Art/Artisan Sale: The Placita Madrid building at 1445 Main in San Elizario (Escamilla's Fine Art Gallery, Robert Dozal Fine Art Gallery, and Romy Hawkins Studio and Gallery), hosts its new monthly sidewalk event 4-9 p.m. Saturday, and 11 a.m.-8 p.m. Sunday with vendors and artist demonstrations. Free. 777-5241

San Ignacio Kermes: St. Ignatius Church, 408 S. Park (near Downtown in Segundo Barrio) will celebrate its 113th year Friday-Sunday with entertainment, music and dancing, rides and authentic food. Free. 532-9534.

Zia Weekend: The annual arts and craft show is Friday-Sunday at Ruidoso Downs Racetrack, featuring around 60 all-New Mexico made artworks. handmade items and entertainment. Free.

ECLASSIFIEDS

fortblissbugle.com classifieds@lavenpublishing.com

Baby items

Cater's Baby girl's rompers, set of three. New, never worn, size 12 months, \$20. High chair for babies, portable, used, great cond. Regular chair mountable with secure straps, removable tray. \$20. 253-209-2481

Furniture

Hospital bed. Exc cond. w/control. Moveable. \$600. 222-

Dinette table w/4chairs. \$200. Cost \$450. Leather top coffee table w/4 drawers, \$175. Cost \$400. 346-5251 Two end table lamps and coffee table. All new plus 1 end

table. 598-5643
Sealy full size mattress, double pillowtop model, used in great condition. Few tiny scuffs on two corners, material smooth and intact. Have headboard, footboard and two

Homes for Sale or Rent

bedrails for it. \$50 obo. 253-209-2481

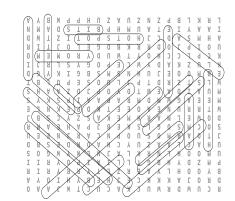
Room for rent: with own bath, house priority. 5 minutes to post. \$350/mo, \$200/dep. 355-1936

Two bdrm/2 ba townhouse located close to Sierra Medical. Exclusive neighborhood/cul-de-sac. Great schools. \$1100 mo./\$1100 dep. 252-6686

Master bedroom for rent with walk in closet and bathroom. Laundry and kitchen priviledges, close to bus line, close to Fort Bliss. Northeast, cat friendly, single female. Available Aug. 1. \$450/mo, \$200/dep. 256-4794

I Affairs
d regionn.-1 p.m.
ct along
d av-Sunday. 10 a.m.-6 p.m.. at the Ri

Ruidoso Art and Wine Festival: The 48th annual Ruidoso Art and Wine Festival is Saturday-Sunday, 10 a.m.-6 p.m., at the Ruidoso Convention Center, 111 Sierra Blanca. (575) 257-7395, 1-877-784-3676 or RuidosoNow.com



Cozy 2 bdrm/1 ba house house located in central El Paso within 10 minutes of the Cassity gate. \$800 mo./\$600 dep. 252-6686

Miscellaneous

Industrial rated earmuffs/ear protection, used, great cond. Fully adjustable. \$15. 3/8" air hose for air compressors, new, never used. Black, 300 psi 20ft length, comes with quick disconnect adapter. \$15. 253-209-2481

Cowboy hat, men's size 7 3/8. Slightly used, excellent-cond, Brown, Bailey brand. \$50 obo. 253-209-2481

Pet carrier/pet hotel, used, great cond. Metal door, dual spring locks. For small dogs or cats. \$40 obo. Litter box with hood canopy, clean. \$15. 253-209-2481

Sporting goods

Gun case for pistol/handgun. Glock brand, exc. cond. \$20.253-209-2481

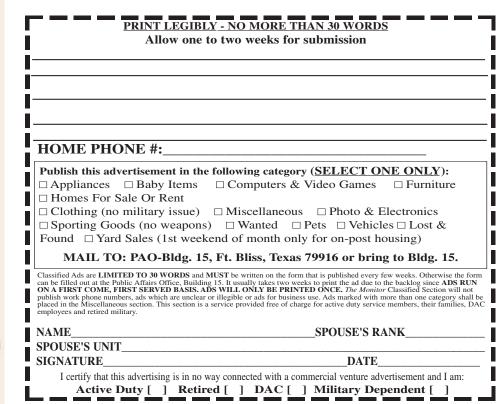
Vehicles

1993 Toyota MR2 project car for sale. One owner. No accidents. Body in good condition. Engine still kicks over but needs new transmission and alot of cosmetic love. Make an offer. docmanslaughter@gmail.com

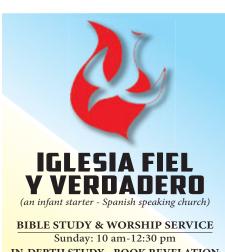
2001 Yukon XL, Denali \$2500. 258k highway miles, black w/sun yellow details, Bose speaker system, operational DVD player, operational VCR player, operational 6 CD changer, amplifier, 2 color video screens, heated front leather seats, passes Texas State inspection, very reliable transportation. 929-6695

Yard/moving sale

Moving sale. July 27-28, 3315 Capella Ave. Furn., appliance, tools, more. 346-5251







Sunday: 10 am-12:30 pm

IN-DEPTH STUDY - BOOK REVELATION

Thursday: 10 am-noon

3500 McRae, El Paso, TX 79925 (915) 731-8576/(915) 731-8567 fielyverdaderoelpaso@outlook.com Our temporary chapel is located 1/2 block south of Montana Ave. off McRae Blvd. behind

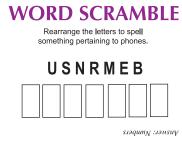
All Saint Episcopal Church.

* PUZZLE time



13 1 25 1

Clue: Computer quantities and signals



Guess Who?

I am an animal rights promoter and television host born in Australia on July 24, 1998. I grew up in the spotlight thanks to my famous father, who had an over-the-top and infectious personality. I continue his legacy with my work with animals.

Answer: Bindi Irwin











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WORDS

See answers on page 9B

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"All real estate advertised in this newspaper is subject to the Federal Fair Housing Act of 1968, which makes it illegal to advertise 'any preference, limitation or discrimination based on race, color, religion or national origin, or any intention to make such preference, limitation or discrimination.

The Bugle will not accept any advertisement for real estate which is in violation of the law. All dwellings advertised in this newspaper are available on an equal opportunity basis 3

RENTALS SERVICES

EAST 12199 El Greco.. 11728 Bunky Henry 12230 Saint Mark...... .\$1050 11740 McAuliffe.....\$1100 13942 Vaquera Rock..... .\$1150 14344 Alma Point.....

RENTALS

ı	0401 Falaut	10040 Nellogy \$000
	2416 Escape Point\$1295	5613 Wadsworth\$1000
	9160 Turrentine\$1300	11976 Mesquite lake\$1075
	12078 Sterling Mary\$1350	10001 Goliad\$1095
	14377 East Cave\$1450	10905 Rogers Hornsby\$1100
	HORIZON	5132 Paris\$1100
		12045 Copper Mine\$1150
	14700 Horizon View\$875	• • • • • • • • • • • • • • • • • • • •
	308 Jim Hofher\$1250	2605 Mountain\$1200
	13836 Hollywood\$1600	11429 Marcos Lucero\$1225
	13030 11011yw000 \$1000	11860 Mesquite Rock\$1250
	LOWER VALLEY	10728 Pleasant Sand\$1275
	315 Val Verde A\$750	5453 Rick Husband\$1300

7328 Wilcox\$950 9312 Betel\$1050 9045 Coventry\$1175 CENTRAL	4904 Silver Ranch \$1400 11836 Mesquite Lake \$1350 10790 Aron \$1500 4312 Loma de Norte \$1800
3526 Nation 1/2\$475	WEST
1206 Selden \$675	6262 Escondido Studio\$695
NORTHEAST	6262 Escondido\$1100
3905 Flory #3\$425	6937 Bruce Bissonette\$1350
10048 Kellogg\$850	7178 Royal Palm\$1500
5613 Wadsworth\$1000	
11976 Mesquite lake\$1075	
10001 Goliad\$1095	
10905 Rogers Hornsby\$1100	Shir
5132 Paris\$1100	- 305
12045 Copper Mine\$1150	3116
2605 Mountain\$1200	DKDAssociates, Inc.
11429 Marcos Lucero\$1225	PROPERTY MANAGEMENT
11860 Mesquite Rock\$1250	770 0477
10728 Pleasant Sand\$1275	772-9177

4904 Silver Ranch	¢1.400				
11836 Mesquite Lake	\$1350				
10790 Aron	\$1500				
4312 Loma de Norte	\$1800				
WEST					
6262 Escondido Studio	\$695				
6262 Escondido	\$1100				



Eastside Home for Rent (Yarbrough/Edgemere/EdgemereES/ Eastwood HS, 79925) 3 bdrms, 1 3/4 ba (master bdrm shower) washer/dryer, stove, refrigerator,

master cool, 6 ft wall around back yard. \$1200/mo, 1/mo dep (915) 261-8666

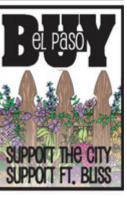
FOR SALE

Wedding Dress Beautiful gown by Mary's Bridal in white sheer organza with long sleeves and a detachable train. It is A-line and accented with beaded lace appliques Chest 41". Waist 34"; Hips 44.25"; Hallow to Hem 59" Will need to be dry cleaned. \$300. **373-7361**. Cash



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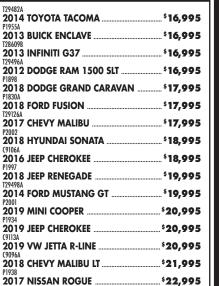
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