

# The Outpost

U.S. ARMY YUMA PROVING GROUND, YUMA, ARIZONA 85365

VOLUME 70 NO. 8 APRIL 26, 2021

## Groundbreaking counter-small UAS demo at YPG

By Mark Schauer

Small unmanned aircraft systems (sUAS) are the latest wonder of the aviation world.

The United States military has used unmanned aircraft for decades to perform dangerous reconnaissance and attack missions that save Soldiers' lives.

As the technology proliferates, however, America's adversaries could potentially use sUAS to target Soldiers, necessitating robust counter-sUAS (C-sUAS) defenses for use anywhere American forces may be deployed.

U.S. Army Yuma Proving Ground (YPG) provided the ideal backdrop for the week-long C-sUAS demonstration held in April and focused on the most cutting edge drone-busting technology in a low collateral effects interceptor assessment-- in short, an evaluation



U.S. Army Yuma Proving Ground provided the ideal backdrop for the week-long C-sUAS demonstration held in April and focused on the most cutting edge drone-busting technology. The Modular Intercept Drone Avionics Set (MIDAS) by Aurora Flight Sciences is pictured. (Photo by Mark Schauer)

of capabilities that can intercept and defeat an incoming threat sUAS. This demonstration's primary objective was on systems able to defeat small Class 1 and 2 drones, or lightweight models that are easily and cheaply acquired and difficult to spot and

intercept. In January, the Joint C-sUAS Office (JCO) and the Army's Rapid Capabilities and Critical Technologies Office (RCCTO) solicited information from private industry, and received multiple white papers in response. Ultimately, three

vendors participated in the test at YPG.

"We received a lot of feedback from industry, and these were the three most promising candidates that we looked at that aren't currently on a government contract," said Adam Martin, JCO's test team lead. "We wanted to see where industry has gone since we've done our assessments over a year ago to see new approaches and things we haven't considered."

The Skylord Griffon made by XTEND, the Drone Kill Drone (DKD) by Elta North America, and the Modular Intercept Drone Avionics Set (MIDAS) by Aurora Flight Sciences participated in the demonstration, which was planned on a short timeline beginning in late January.

"We chose Yuma because of the

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## Employee spotlight

By Clara Zachgo,  
Cold Regions Test Center

Rachel Saatkamp joined Cold Regions Test Center (CRTC) in September 2020 as the new Administrative Support Clerk for CRTC headquarters. She came to CRTC from the Defense Commissary Agency. She worked at the Fort Greely Commissary where she did everything from payroll to running a register. Her attitude of stepping in wherever she is needed and can help has already shone through during her time at CRTC and will be an asset for years to come.

Rachel is excited to help make a difference at CRTC and the ability of her position to support and assist all aspects of CRTC gives her a great sense of being able to create positive impacts for the organization. She has been enjoying the interactions with everyone and she, “tries to give people a bit of sunshine everyday



Rachel Saatkamp is an administrative support clerk for Cold Regions Test Center headquarters. (Photo by Sebastian Saarloos)

by keeping a positive attitude, no matter the obstacles of the day!”

When she isn't getting things done with a smile at CRTC headquarters, she could be baking up some delicious treats or cruising in a fast car or on a sport bike! Saatkamp great personality and skill set are a welcome fit for CRTC and next time you find yourself at headquarters stop and say hi, she is sure to brighten your day!

## Preserving history together



ABOVE: Quechan Tribal members including members of the Tribal Council and the Cultural Committee joined Yuma Proving Ground leaders and their cultural resources team to visit two Native American archaeological sites. The group flew to both sites then hiked the trek to view first hand watering holes (tinajas), caves and pieces of pottery from the Tribal ancestors dating back to approximately 200 to 10,000 years old. YPG leadership was honored to learn about the Quechan's history from their Tribal members.

RIGHT: Group photo left to right: Quechan Cultural Committee members Priscilla Pretty Bird, Manfred Scott, Larry Crawford and Jerilyn Swift Arrow. Ron James, Col. Patrick McFall, Command Sgt. Maj. Herbert Gill, Quechan Council member Charles Escalanti, Historic Preservation Jill McCormick, Technical Director Larry Bracamonte. (Photos by Ana Henderson)



## The Outpost

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# Reaching out to bring awareness

April is Sexual Assault and Prevention Awareness month and this year's theme is "Building cohesive teams through character, trust and resilience. Protecting

our people protects our mission." YPG's Sexual Harassment/Assault Response and Prevention (SHARP) program hosted a variety outreach events.



ABOVE: April 14, YPG Commander Col. McFall, Chief of Staff Minerva Peters, YPG Sexual Assault Response Coordinator Arlene Gentry and Technical Director Larry Bracamonte met the workforce as they passed through the installation gates handing out informational flyers. LEFT: YPG Command Sgt. Major Herbert Gill and Officer Reid greeted an employee as she entered the installation. (Photos by Mark Schauer)



ABOVE LEFT: The SHARP fun run had good participation by Soldiers and their leaders such as Lt. Col. Alicia Johnson (center) pictured. ABOVE RIGHT: After the fun run participants visited the informational booth to stock up on post run snacks, t-shirts and SHARP resources. (Photos by Casey Garcia)

## Fatal accident on Highway 95



A fatal accident along Highway 95 on April 15 closed down the freeway for many hours. The two-lane road is the main route to Yuma Proving Ground and is used by its workforce. It's also heavily traveled by drivers in industrial vehicles, recreational vehicles, and people heading to California. (Loaned photo)

## IT'S NEVER TOO EARLY TO START TALKING ABOUT UNDERAGE DRINKING



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# YPG Heritage Center plans new exhibits and self-guided tours by 2022

By Ana Henderson

The Heritage Center could be considered the heart of Yuma Proving Ground (YPG). It's the keeper of the installation's history. The community welcomes and bids farewell to its leaders in the front lawn of the center. It's the first stop for those looking to learn more about YPG's important work testing equipment for the Warfighter.

Unfortunately, due to COVID restrictions the Heritage Center has been closed to the public. Soon that will change.

In May, the Heritage Center will reopen and visitors will start noticing some changes.

Heritage Center Curator Bill Heidner and docent Vince Lacey have been busy working on converting the center into an unmanned heritage display. When the National Museum of United States Army History opened in 2020, the decision was made to close smaller museums. The bright side is that YPG's self-guided

Heritage Center will focus solely on the installation's history.

"They will be more specific on why we test and how we test. They will be heavy on the data processing role, data collection, data reduction, and will tie that with the overall picture," said Heidner.

Heidner's plan is to update six galleries and create three new exhibits. The updates will start with the Desert Training Center, then the California Arizona Maneuver area at Camp Laguna, then upgrade the three Yuma Test Station galleries and move to the early YPG gallery. The galleries will be more dynamic than ever.

"It's going to be very graphic-intensive, although we will be able to display some of the former equipment of tests."

The duo plan to use music to set the ambiance.

"We use music from different periods. In the Commander's office, which is a slice from 1950s we have Frank Sinatra playing in there. So we



Heritage Center Curator Bill Heidner describes how he plans to update six galleries at the Heritage Center between now and 2022. The center will be open sometime in May. (Photo by Ana Henderson)

will continue that, we will upgrade some of the video equipment and other things. We are excited at how it is going to look."

In addition to the three new exhibits by Heidner, YPG's Cultural Resources Department will have one new gallery with two exhibits: One featuring Native Americans from YPG's consulting tribes who have served in the U.S. Army, and another featuring what the ancestral lands of YPG mean to the tribes.

A few items the visitors will not see when the center is turned into an unmanned heritage display are some artifacts due to physical security of the items. Those will be transferred to

the Center for Military History.

In the past, the Heritage Center has been awarded the Trip Advisor's "Traveler's Top Choice," which means they are in the top 10% percent of displays in the world that tourists go to. Heidner says guests will continue to see that standard.

"When we turn it over to the command, it's going to be a first class quality product. Something the command will be proud of that people will still enjoy coming out to see."

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# YPG Assistant Fire Chief seeks bone marrow donation

By Ana Henderson

Yuma Proving Ground (YPG) Assistant Fire Chief Daniel Manning has spent a lifetime helping others. He served in the Air Force, then continued to serve as a firefighter for the Department of Defense around the U.S. for the last 25 years.

He joined the YPG Fire Department in late 2020. Just before that, in September 2020 Manning received a bloodwork panel because he was preparing to have back surgery in December. During that routine bloodwork is when his doctor became concerned and in the following months found Manning had a rare blood disease. Manning went to five hematologists to confirm the diagnosis. The fourth doctor told him, "You have a very rare cancer and you are in the high risk category."

Manning has Myelofibrosis, a type of blood cancer in which the bone marrow is replaced by fibrous scar tissue. It is considered a form of chronic leukemia.

Accepting what's happening to him and making it public has been a difficult step.

"I didn't want to deal with telling everybody I have a problem. I don't want people to treat me differently."

Manning is used to being the savior, not the one in need.

"It was shocking: 25 years of taking care of the public and now needing help. I was in denial."

His fifth doctor urged him to start infusion therapy chemotherapy. Each month he undergoes five consecutive days of three-hour long treatments. He's now undergone a few rounds, and even doing that was difficult for Manning.

"I didn't really want to do chemo because I have responded to individuals who are on chemo."

Manning is now coming to terms with his illness. Even after being given 12 to 36 months to live he didn't want to ask for help for what doctors say is the next step...finding a bone marrow match. However,

his wife and five children, three of which still live at home, motivated him to actively seek a match. The family already hosted a donor drive in Phoenix where his extended family lives.

Manning's ancestry, Italian and Irish, has made finding a match difficult. The Be My Match registry currently has zero matches. At first search they found a 100% match, but it turned out it was Manning's profile for when he was 18 and signed up to become a match.

"We got a little chuckle out of it, but it just goes to show how rare my genotype is."

Even if Manning doesn't find a match for himself, he urges people to sign up through bethematch.org because they may save someone else's life. The Be the Match organization will send those interested an at home swab kit.

Later this week he'll receive a bone biopsy so his doctor can analyze how his body is reaction to the



Yuma Proving Ground Assistant Fire Chief Daniel Manning has spent a lifetime helping others now he needs help finding a bone marrow donor. He's been diagnosed with Myelofibrosis, a rare blood disease. (Photo by Ana Henderson)

chemotherapy and give him a better idea how his body is reacting. His original prognosis was given prior to starting treatment. Until then, Manning will continue working as long as he can.

"When I have a true prognosis at the end of this month, then I think I can make better decisions on the path forward."



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capabilities that are there, as well as the wide open ranges,” said Martin. “The instrumentation is what really drew us to this site.”

YPG is the most capable of a limited number of test ranges able to accommodate this type of work. The proving ground’s clear, stable air and extremely dry climate along with vast institutional UAS testing knowledge makes it an attractive location to testers, as does the ability to control a large swath of the radio frequency spectrum. YPG has more than 500 permanent radio frequencies, and several thousand temporary ones in a given month.

There was also faith in YPG’s ability to host the test on short notice.

“YPG’s support is always outstanding,” said Martin. “As soon as I found out we were coming to Yuma, I knew everything was going to be done on time and professionally at the highest standard possible.”

For their part, YPG personnel were unfazed by the test requirements and tight timeline.

“The critical part was trying to understand the schedule and requirements of the whole endeavor,” said Hi-Sing Silen, test officer. “It took a lot of communication.”

YPG was able to leverage their

existing infrastructure and years of institutional knowledge in testing scores of C-sUAS systems at the large compound in an isolated part of YPG’s vast ranges.

“This whole compound and the test methodologies have been used for the last several years,” said Silen. “With each test event you learn something and apply lessons learned to future tests.”

The testers crafted a schedule and test scenarios to challenge the vendors’ systems.

“The schedule was to have three days for them to set up, do calibration flights, and do all of their check-ups,” said Silen. “The vendors knew they were participating in a demonstration, but they didn’t know what the profiles were or what they were engaging.”

Each system under test has a different defeat mechanism: some entrap a target UAS rotors with an attached net or rope fired from an onboard air pistol, others disable the aggressor UAS by ramming it at full force. The testers installed small GPS pods with compasses on each aggressor UAS, and relied on ground-based radars to track the system being evaluated so as not to skew their performance in any way.

“We’re not modifying or putting any variables into the systems under test,” said Silen. “The ground radar can pick up their system in flight, and we’ll use that radar track to



U.S. Senator Gary Peters, who represents Michigan and sits on the Senate Armed Services Committee attended the demonstration. “This facility is amazing. It’s clear this is not something you could ever replicate: it is an asset for the whole country,” said Peters of Yuma Proving Ground.

extrapolate data. They also have inboard position data that they provide us every day.”

Each vendor had to use their system in multiple realistic scenarios across four days of testing.

“The scenarios were very straightforward: one involved a drone approaching your defended area, and the other going across your defended area,” said Silen. “We did the same scenarios for everybody so we could compare performance using the same flight profiles.”

During the scenarios, the aggressor drones approached the defended area at different speeds and altitudes to test the system under evaluation’s ability to defeat the threats. The testers watched for any anomalies, and also took note of the individual systems’ ease of use and portability, among other things.

The demonstration drew high-level visitors, including U.S. Senator Gary Peters, who represents Michigan and sits on the Senate Armed Services Committee (SASC).

“I’m impressed with Yuma Proving Ground,” said Peters. “This facility is amazing. It’s clear this is not something you could ever replicate: it is an asset for the whole country.”

Peters also sits on multiple SASC subcommittees, and said he is concerned with the emerging threat

that unmanned aircraft in nefarious hands could pose.

“I was particularly interested to see first-hand the testing of anti-drone technology,” he said. “I chair the Senate Homeland Security Committee and am concerned about threats to the homeland from relatively inexpensive drones that can do great damage. We have to figure out ways to protect American citizens at home and abroad: I believe this is one of the most significant threats we’re going to face as a country.”

Peters believes YPG is a vital component of ensuring this threat is countered effectively.

“Drones and other weapons systems is something that we have to lean heavily into, so it is great to have a place like Yuma Proving Ground that we can develop these technologies that will ultimately save American lives.”

The demonstrations are expected to continue on a semi-annual basis for the next several years, with each subsequent test focusing on different types of C-sUAS systems.

“Industry keeps marching forward, and what was the best thing 18 months ago may not necessarily still be the best solution,” said Martin. “We’re trying to pick industry’s brain and give them an opportunity to show off what they’ve been doing.”



Each vendor had to use their system in multiple realistic scenarios across four days of testing. The Skylord Griffin made by XTEND (left) and the Drone Kill Drone by Elta North America (top) along with the Modular Intercept Drone Avionics Set by Aurora Flight Sciences took part in the demonstration. (Photos by Mark Schauer)

# Marines get first look at tactical resupply UAS during field assessment

By NAVAIR News

The Marines successfully completed a Tactical Resupply Unmanned Aircraft System (TRUAS) Field User Capability Assessment in March at Yuma Proving Ground, of two prototype systems identified by a successful prize challenge in last year.

Anticipated future end users were given the opportunity to work with both prototype systems – Survice Engineering's TRV-150 and Chartis Federal's MK4-RX – to assess the capability in order to inform the final requirement for TRUAS.

"I was extremely impressed to see lance corporals and privates first class training, assembling, and then operating both systems," said Col. Vic Argobright, Navy and Marine Corps Small Tactical Unmanned Aircraft Systems (PMA-263) program manager, who oversees the TRUAS program.

"That is exactly what we were hoping to see, and I believe there will be a lot of really good input from the Marines. The test team from Marine Corps Operational Test and Evaluation Activity did an excellent job coordinating the event to ensure



Marine Corps field users spent three weeks in March training to assemble, load, and fly each of the two systems – Chartis Federal's MK4-RX (left) and Survice Engineering's TRV-150 (right) – being evaluated during the Field User Capability Assessment at Yuma Proving Ground. (U.S. Marine Corps photo)

that we gathered the needed data and feedback."

The prototypes were designed to meet the Marines initial requirements for an autonomous unmanned system that can transport at least 60 pounds of cargo in various configurations commonly found in Marine company/platoon/squad resupply operations (ex: 5-gallon water can, ammo can/case, Meals-Ready-to-Eat case) through a 10-kilometer radius.

"The initial prize challenge in 2020 gave us a great starting point to further gauge this technology," said Christina Petrow, TRUAS team lead.

"We learned a lot about the capability that already exists as well as where it can take us in the future. This capability assessment is the next step in that process."

During the assessment, two groups of Marines replicated a full day resupply of an infantry squadron after the Original Equipment

Manufacturers (OEMs) provided three days of system training and a day of pilot evaluation. The process was repeated so that all field users had the opportunity to evaluate both platforms independently.

This capability is relatively new to the Marine Corps, and the event was designed to allow Marines to employ the systems as they would in the field and provide feedback that will be incorporated into the final requirement for fielded systems. This type of feedback is typically not provided until the end of the acquisition cycle, giving the Marines participating in this event a loud voice to help shape the way unmanned logistics resupply is implemented for the fleet.

"Early involvement of the Marines has afforded invaluable insight into how the end users will actually interact with these systems, including ways in which the OEMs never considered," said Petrow.

"Learning this information early in the acquisition cycle ensures the requirements are properly captured and the fielded system works with and for the Marine Corps."

## One year after head-on collision YPG firefighter is thriving

By Ana Henderson

One year after suffering life threatening injuries while commuting to work, Yuma Proving Ground (YPG) Firefighter Andrew Swick is fully recovered.

Swick was involved in a head-on collision with a wrong way driver on May 17, 2020. He suffered injuries to his arms, hands, face, and abdomen. He was in the intensive care unit in a medically-induced coma for a week and using a ventilator. In the months following, Swick underwent multiple surgeries followed by months of physical therapy.

Adding more heartache to the situation, the COVID restrictions prohibited his loved ones and his firefighter colleagues from visiting

him. A week after the accident when Swick awoke, he was finally able to communicate with his wife via Facetime.

Now, one year later Swick is thriving!

YPG Assistant Fire Chief Daniel Goodwin recalls, "When we found out he was coming back in January, we were just floored. It was amazing!"

Swick's recovery has allowed him to return to work on full-duty. "His injuries were serious and it could have easily ended his firefighting career," he said.

The YPG firefighting family is happy to have him back, and Swick is ready to put this chapter behind him.

"On behalf of the Andrew and his family, and the department, thank you



One year after a head-on collision Yuma Proving Ground fire fighter Andrew Swick is fully recovered. He returned to work on full duty in January. (Photo courtesy of Stefany Swick)

to everyone who reached out with concern, donated leave and to his

GoFundMe. It was an amazing show of support," said Goodwin.

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# Team at YPG solve transducer glitch with innovation

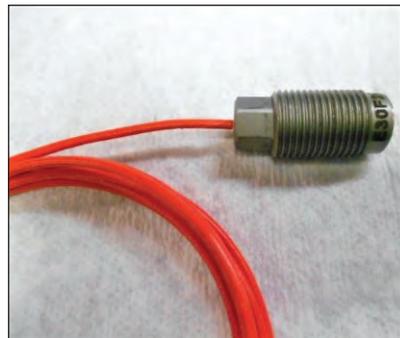
By Mark Nelson

You may have heard the old saying that the whole is worth more than the sum of its parts. Yuma Proving Ground (YPG) is a good example of this. It is made up of lots of moving parts, some of which we may never see, but like any complex system all of these parts play an important role for the whole. It is important for each of us as we are fulfilling our roles here at YPG to have the opportunity to get a glimpse of some of the things that are going on around us at that we may be unaware of.

This of course brings us to YPG's Outpost and this short article. Everyday YPG personnel apply their ingenuity to ensure that we complete our mission and meet our customer's needs, so they can accomplish their mission to defend this country. The Outpost has allowed me to broaden my horizons about things at YPG that in my day to day activities, I would never become aware of. I have also been fortunate that I have been able to attend some presentations that recognize innovative efforts to improve testing processes here at YPG. I would like give you the opportunity to learn about one of these efforts, which you might not have otherwise been aware of.

### The Transducer Modification

Test programs at Yuma Test Center require transducer data to produce tube performance and dependability reports. However, the newer propellants caused more vibrations, which would



The modified transducer which eliminates the microdot connection inside the transducer port was an innovation by three employees, Angela Pearce, Byron Wolfe and Chris Tennant. (Photo courtesy of the Data Process Branch)

at times loosening the connection between the transducer and microdot cable. This caused an intermittent connection, which lead to inconsistent data collection for these valuable measurements.

**Innovative concept**  
The concept was to fabricate a transducers that would eliminate the microdot connection inside the transducer port.

**Modification results**  
The modification saves time and labor by personnel not having to constantly inspect the cable connections and transducer. This is new reliable capability for capturing ballistic pressure data in a high vibration environment met the needs and did so in a cost effective and timely manner.

**Innovators**  
Innovations such as there would not be possible without the exceptional work by employees. Those involved in the effort are Angela Pearce, Byron Wolfe and Chris Tennant.



## The History of Denim Day

Italy, 1990s

An 18-year old girl is picked up by her married 45-year old driving instructor for her very first lesson. He takes her to an isolated road, pulls her out of the car, wrestles her out of one leg of her jeans and forcefully rapes her. Threatened with death if she tells anyone, he makes her drive the car home. Later that night she tells her parents, and they help and support her to press charges. The perpetrator is arrested and prosecuted. He is convicted of rape and sentenced to jail.

He appeals the sentence. The case makes it all the way to the Italian Supreme Court. Within a matter of days the case against the driving instructor is overturned, dismissed, and the perpetrator released. In a statement by the Chief Judge, he argued, "because the victim wore very, very tight jeans, she had to help him remove them, and by removing the jeans it was no longer rape but consensual sex."

Enraged by the verdict, within a matter of hours the women in the Italian Parliament launched into immediate action and protested by wearing jeans to work. This call to action motivated and emboldened the California Senate and Assembly to do the same. This was the beginning of what has become a worldwide event and movement to wear jeans as a visible means of protest against misconceptions that surround sexual assault.

**Show your support!**  
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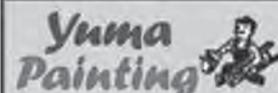




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# Chaplain's Corner

## An attitude of gratitude

*A thankful heart is not only the greatest virtue, but the parent of all the other virtues. – Cicero*

**Chaplain's Corner**  
Chaplain Capt.  
Jeffrey Crispin



I teach relationship skills classes as part of my role as a Chaplain. One of the skills I teach to single Soldiers as they are evaluating someone as a friend or someone for a serious relationship, is to look at the person in how they treat others, especially those that are in a serving role: retail clerk, restaurant staff or barista, maintenance worker, etc. Those interactions are an important window into the heart of that person. Eventually the way they treat those people will be how they treat you once the newness of the relationship wears off.

Being able to express appreciation to someone effectively is an important life skill.

Have you told someone “thank you,” lately? It is amazing what recognizing the contributions of others does to help change our perspective.

Instead of being impacted by the news headlines of the day or reacting to something on your social media, or even mentally planning to get even with that other driver due to your case of road-rage, a sure way to change in a more positive direction is to, as my grandparents liked to say, “count your blessings.”

Perhaps you have been on the receiving end of a well-timed expression of gratitude. Nothing seems to be going right despite your best efforts to do your job, but then a co-worker or friend or family member notices something that you did and says, “thank you for...” or “I appreciate the way you...” The emotional clouds part and there’s a ray of hope suddenly shining on you in that moment. It is so helpful, and you might

have thought no one even noticed. I’ve been there, and I imagine that you have, too.

Being thankful is a powerful way to help others, and it costs a few sincere words and maybe a few extra seconds to express our gratitude. But it has to start inside. Nobody else can make me be thankful. It is a choice to realize that I am interdependent on the contributions of others. I like when others value my contributions, and so returning that recognition through expressions of gratitude is worthwhile.

So give some thought to how you can brighten someone’s day with noticing something they do well and thanking them.

And in closing, please don’t forget Mother’s Day is coming up. That is someone that for most of us, has done some things well in our lives and would love to hear us say, “Thank you.”

The YPG Command Group cares about what our YPG family thinks

We want to develop a deeper understanding of issues that relate to the your thoughts on quality of life, health, safety, and readiness at your Army installation.

Please take the **Community Strengths & Themes Assessment** survey and change your community.





# Celebrating military children



Proud Yuma Proving Ground (YPG) parents watched their favorite superheroes on the march on April 15 as part of the post's celebration of Month of the Military Child. Children from YPG's Child Development Center (CDC) were joined by students from Price Elementary School in a morning of outdoor fun that started with YPG Commander Col. Patrick McFall, Command Sgt. Maj. Herbert Gill, and Garrison Manager Ron James signing a Month of the Military Child Proclamation at the CDC. This was followed by a superhero parade and capped by a skydiving appearance from the real-life superheroes of YPG's Military Free Fall School. (Photos by PAO staff)



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## Free Educational Event

**April 27<sup>th</sup>**  
4pm

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**"What You Need to Know  
about Wills and Trusts"**



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## Seeing their future



A group of local teens who are interested in joining the Army visited Yuma Proving Ground (YPG) to get a glimpse of what their future could involve. The group received a brief on the work done at YPG from Commander Col. Patrick McFall. They had the opportunity to line up in formation, ride in combat vehicles and even ate MRE's. During the tour the prospective Soldiers talked with the Soldiers with the Airborne Test Force and tried on their parachute packs. (Photos by Casey Garcia)



## Command hears from community



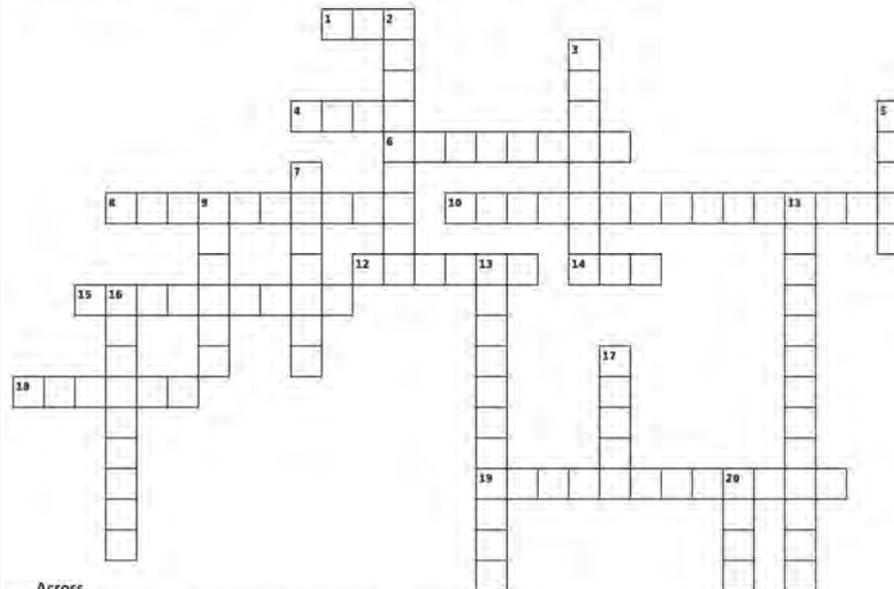
Yuma Proving Ground leadership held a live question and answer session via Facebook April 14 to hear from the community. (Left to right) Maj. Joshua Chase, Command Sgt. Maj. Herbert Gill, YPG Commander Col. Patrick McFall, Garrison Manager Ron James and Technical Director Larry Bracamonte made up the panel. The YPG community and workforce asked about everything from the pool opening date to spraying for mosquitoes and wearing masks once vaccinated. McFall wants to make sure he opens the dialogue with the YPG family to address questions and concerns. (Screenshot)

## YPG community gets hydrated



Soldiers and civilians at Yuma Proving Ground (YPG) took advantage of the free Gatorade Super Shakes and Propel Vitamin Boost Water giveaway. YPG's Army Community Services (ACS) helped distributed them to the community by loading them up as cars parked outside the ACS building on 13 April. (Photos by Casey Garcia)

## SAAPM 2021 SHARP Crossword Puzzle



### Across

- Prevention of SH and SA in the Army is a team effort that starts with...
- SAFE kits are to be retained for how many years?
- Who co-chairs the SARB?
- Two types of SH? \_\_\_\_\_ and Hostile environment.
- Who chairs the SARB?
- Three categories of SH? \_\_\_\_\_, Non-verbal and Physical contact.
- Where do DA Civilians make SH complaints?
- How Annual Refresher Trainer is to be administered IAW AD 2018-023.
- List the second Bystander Intervention "D."
- Soldiers who file \_\_\_\_\_ SA reports may request an expedited transfer.
- List the third Bystander Intervention "D."

### Down

- SH involves conduct that is perceived as \_\_\_\_\_ sexual comments/gestures.
- Using Personal Courage, what can you do to intervene and prevent SH and SA in the Army? Recognize and \_\_\_\_\_ Barriers!
- Report that details actions taken or in progress to provide care and support to victim and to provide initial notification to appropriate commanders.
- A freely given agreement to sex by a competent person.
- List the first Bystander Intervention "D."
- Bystander Intervention Process is five steps, what is the first?
- What are the three ways to submit an SH complaint? Informally, Formally and \_\_\_\_\_?
- \_\_\_\_\_ Transfer is to assist in the victim's recovery.
- Provided to victims when their personal items are taken away as evidence.
- Is a fundamental principle at the core of victims' services and one of the cornerstones of the SHARP Program.