



THE DISPATCH

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2020

HAPPY NEW YEAR

Command perspective



By Col. Scott D. Gould
Commander, Dugway Proving Ground

Happy New Year! I hope everyone had a safe and enjoyable Christmas and New Year! Looking back over 2019, it is very clear that we had a successful year. One of the great joys of commanding Dugway is working with the people who are Dugway. I see amazing skills and knowledge focused at ensuring we empower our nation's defenders. Your dedication and professionalism challenge me to work harder. Your passion shows through with every stakeholder I interact with. During

a recent visit from the Utah Congressional Delegation one of the staffers commented, "You have a lot of amazing people who are passionate about their jobs." The staffers who are lifelong Utah residents also stated they had no idea all the things that go on here at Dugway. This is a testament to you and what you do. None of these things happen without you.

In today's environment, we need to be mission focused on our jobs and requirements. The chemical, biological, radiological and nuclear (CBRN) threat constantly evolves. Our challenge is to evolve with the threat and work

to stay ahead of it. Whether we are testing the newest chemical detectors or providing CBRN tactics, techniques and procedures (TTPs) to Soldiers maintain that mission focus. Dugway cannot rest on past accomplishments but demonstrate through our current actions.

Despite the successes of 2019, 2020 will be a challenging year. The workload will remain at the same level or higher than last year. This requires everyone to contribute to the team. We must work together with our stakeholders to move forward while ensuring we remain relevant and vi-

brant for the future. Across the Army and the Department of Defense there is increased scrutiny on expenditure of funds as the enterprise looks to focus resources on readiness and modernization. We will help set the stage for the future of the Army. We must continue to show the value of Dugway as a national asset.

There is no better place to be than Dugway Proving Ground. I look forward to a year of leading an absolutely excellent organization. I challenge everyone to make 2020 a great year!

First, test the test fixtures to ensure accurate data

By Al Vogel

albert.c.vogel.civ@mail.mil

Four testing fixtures with distinct capabilities at Dugway Proving Ground are themselves facing completion or preliminary testing, before they begin testing the chemical detector of the future.

shore and battery-powered collector and analyzer, able to detect Chemical Warfare Agents (CWA), Non-Traditional Agents (NTA) and Toxic Industrial Chemicals (TIC) at very low levels.

Once approved and adopted, the MPCAD will be used by all services and perhaps

the MPCAD.

Verification and validation of the ATVF is expected to begin soon, a challenging process to ensure the ATVF functions as required.

Liquid Aerosol Detector Fixture (LADF): Dugway has created the LADF inside an industrially filtered glovebox to test liquid droplet chemical aerosol detectors. The glovebox is within an industrially filtered Secondary Containment Module (SCM), a portable, bus-sized lab. The SCM rests within a large, filtered chamber within a building.

Multiple layers of filtration during containment testing of the glovebox, SCM and building chamber were recently completed.

Particulate Aerosol Detector Fixture (PADF): Dugway is designing and fabricating a fixture to test solid particle chemical aerosol detectors. Like the LADF, it will be

2000s. The CAV is used to challenge systems using traditional agent in vapor form. **The CAV's three individual testing components** allow simultaneous testing of either multiple vendors, multiple agents or multiple environmental conditions.

Currently, the CAV is supporting test execution for vendor evaluation testing, in which detectors from two different vendors (manufacturers or developers) are simultaneously challenged to establish the capabilities of their unique detection system before testing to acquire data begins.

Because the form of the chemical threat – solid, liquid or vapor – is unknown until it is encountered, the future chemical detector must have a variety of capabilities, and function as required in challenging environmental conditions.

The use of these four fixtures, each with specific challenges to test future chemical



Advanced Threat Vapor Fixture (ATVF) inside a glovebox at Bushnell Materiel Test Facility. The plastic pipe box will hold systems under test challenged with simulant or chemical agent. Photo by Al Vogel, Dugway Public Affairs

Recognizing that new chemical threats had or will emerge, a 2013 Army technical report concluded that a Next Generation Chemical Detector (NGCD) with multiple system capabilities would be eventually required to replace current-issue chemical detectors.

To meet these future needs, the NGCD effort was separated into four programs, each with specific objectives: to sample, detect, identify and quantify very low levels of chemical threats in gas, liquid and solid phases, whether in the air or on surfaces.

Dugway's testing of the NGCD, expected later this year, is under the Multi-Phase Chemical Agent Detector (MPCAD) program, which is overseen by the Department of Defense's Joint Program Executive Office for Chemical, Biological, Radiological and Nuclear Defense.

The MPCAD will be a two-man, portable,

U.S. allies. But before it can be approved, MPCAD must successfully detect in test chambers producing gas, liquid and solid phases of chemical threats. Also, it must successfully detect in realistic environments of humidity and temperature, with potential interferences such as smoke, dust, fuel fumes, insect repellent and other substances that may confuse the detector or produce false alarms.

For the varied requirements of MPCAD's testing, Dugway has created, or will soon finish, four fixtures to produce the specific challenges the detector must face.

Advanced Threat Vapor Fixture (ATVF): A test team from Dugway and numerous outside agencies and contractors have designed and fabricated the ATVF. It has a low-volatility chemical vapor generator, referee system as an accuracy check, and air monitoring methods to challenge



A technician uses a glovebox to make adjustments to the Chemical Agent Vapor fixture, preparing to challenge three (unseen) chemical agent detectors during developmental testing of the system. Developmental testing establishes the fixture's capabilities before scheduled testing begins. Photo by Al Vogel, Dugway Public Affairs

in a filtered glovebox, in a filtered SCM, within a filtered building chamber. Work continues on the PADF.

Chemical Agent Vapor (CAV) fixture: Formerly known as the Joint Chemical Agent Detector (JCAD) fixture, when the current-issue JCAD was tested in the early

detectors, ultimately ensures that the Warfighter, investigator or ally can trust what the future's MPCAD indicates in a wide array of environmental conditions.

EMPOWERING THE NATION'S DEFENDERS

if you
SEE | **SAY**
something | something



PROTECT YOUR EVERY DAY

Report suspicious activity to local authorities.

New Officer in Charge at Dugway Clinic

By Al Vogel
albert.c.vogel.civ@mail.mil

Dugway Proving Ground may have few Soldiers, but to Maj. Craig Anderson at the Dugway Health Clinic, this remote Utah post must seem bustling.

A physician and the new Officer in Charge of the clinic, Maj. Anderson was previously stationed

graduate, earning a degree in nutritional science. "It's not a degree many people take, because it goes into the science aspect of nutrition, biochemistry," he said.

Maj. Anderson's doctorate is in osteopathy, earned from the School of Osteopathic Medicine at A.T. Still University in Mesa, Arizona. He is a D.O. rather than

On Oct. 1, the clinic came under a new command. Defense Health Agency (DHA) replaced the Army Medical Command. The new DHA is a joint, integrated Combat Support Agency comprised of Army, Navy and Air Force medical services.

Though under a new command, Maj. Anderson doesn't foresee



Maj. Craig Anderson (left) is the new Officer in Charge at the Dugway Health Clinic. He earned his medical degree from the Osteopathic Medical School in Mesa, Arizona. Here, he discusses a chart with Spc. Reef Gabriel, a Combat Medic. Photo by Al Vogel, Dugway Public Affairs

at Pine Bluff, Arkansas, where there were only two active-duty Soldiers: he and the commander. His Arkansas tour ending, he sought Dugway to be close to friends, family and have a more clinical practice.

"I chose to come here, it's just a really great place," Maj. Anderson said. Unlike Pine Bluff, Dugway has a commissary, gas station and fitness center. He also enjoys the unobstructed views around Dugway, and is glad to escape the humid heat of Arkansas.

Maj. Anderson was raised in Arizona and attended Brigham Young University as an under-

M.D. As a D.O. student, he learned to treat with his hands, like a chiropractor or physical therapist. There was also emphasis on the body, mind and spirit being interrelated. Yet, he still employs the latest medicines and treatments.

Most of Maj. Anderson's extended family lives along the Wasatch Front, and a few buddies from his BYU days remain in the area. He's tall, trim and has always been physically active, enjoying hiking, biking, snowboarding, fishing and photography. The major is unmarried and has no children.

much change at the clinic.

"We're not sure what it will mean, details are forthcoming," he said, "It will probably be a while before any kind of changes happen. It's really not an issue at this point."

Every clinic has its issues, Maj. Anderson acknowledged, but he's been impressed with the quality of the Soldiers and civilians at the clinic.

"We have a really good staff here," he said. "It's good to see a program up and running with a lot of experienced people. It's a good system, nice to come to."



Pictured (from left): Dr. Ken Gritton, Technical Director; Command Sgt. Maj. Kyle Brinkman; Mr. Gary Harter, former DPG Commander and Executive Director of Veterans and Military Affairs; Mr. John Edwards, Civilian Aide to the Secretary of the Army; Col. Scott Gould, Commander of Dugway Proving Ground; Ryan Harris, Director of the West Desert Test Center; and Garrison Manager Aaron Goodman. Photo by Al Vogel, Dugway Public Affairs

CHAPLAIN'S CORNER

By Chaplain (LTC) Shawn P. Gee

2020 New Year's Resolutions

With the holidays behind us, I'm confronted with that question that often turns up around this time of the year: What do I want to change in the new year?

For most of us, New Year's resolutions are a daunting task, especially since a majority of us fail in our attempts. The good news is that we can achieve our New Year's resolutions by setting specific goals and sticking to a plan. We also need to be honest and realistic about the goals we're setting. Once we have identified the things we want to achieve, there are practical steps to take within that goal to succeed.

In order to achieve resolutions, I have found that the goals I set need to be specific, measurable, and achievable. Specific goals need to be clearly defined and broken down into bite-sized pieces. Specific goals should not be grandiose and unrealistic. Start by setting small, bite-sized goals that are easily achieved; and over time you will sense small doses of success that lead to achieving your overall long-term goal. Measurable goals are simply goals where you assess your progress. Again, set goals in

small doses. For example, if you are trying to achieve a goal, say to yourself, "I'm going to execute my goal for 15 minutes." Once the 15 minutes are up, go for another 15 minutes. This pattern builds healthy habits and routines that produce positive change in our lives. Achievable goals are realistic goals that are attained when you follow a specific plan and timeline. Another thing I found to increase my success rate at achieving New Year's resolutions, is to have an accountability partner. A trustworthy friend's encouragement helps me achieve my goals. Finally, it's important to understand that you're human and you will likely fail more than once in achieving your New Year's resolutions. Just remember that failure is part of the learning process. When you fail or fall short, don't quit. Keep a positive mental attitude and learn from your temporary setback and resume your specific, measurable, and achievable goals. Before you know it, you'll be on your way celebrating your success at the end of 2020! My prayer for you is that 2020 will be a great year of achieving your New Year's resolutions.

First Hall of Famers

Dugway Proving Ground's new Hall of Fame has its first two inductees: Mr. John Edwards and Mr. Gary Harter. The Hall of Fame was established to formally recognize and honor those citizens who are champions of DPG and its mission.

Mr. Edwards served as the Utah Civilian Aide to the Secretary of the Army (CASA) for 17 years and during that time helped DPG reach many objectives. Recently, Edwards was instrumental in the restoration of contractor commissary shopping privileges at Dugway and other remote sites within the Department of Defense.



Mr. Gary Harter

Mr. Harter served as Commander of Dugway Proving Ground from June 2002 to July 2005 and is the director of the Utah Department of Veteran and Military Affairs and a member of the Utah Defense Alliance. Mr. Harter has long advocated for Dugway to all levels of government and private industry.

The Hall of Fame is an annual award and was presented for the first time at the December 2019 employee award and recognition ceremony. Plans are to create a longstanding Hall of Fame display at DPG Command Headquarters in English Village.



Mr. John Edwards



IN A NUTSHELL

ARMY CIVILIAN CORPS CREED

What is it?

The Army Civilian Corps Creed defines the purpose and role of the Army Civilian. The Army Civilian Corps Creed was codified when Army Civilian Corps was established in 2006 by the Secretary of the Army and Chief of Staff of the Army. This formalized a 230-year record of service as a critical component of the total Army force structure.

What are the current and past efforts of the Army?

Since its establishment, Army Civilians have taken an ever-increasing role as Army leaders. As of May 30, 2019, the Army Civilian Corps Creed was revised to add an additional role of leadership to the existing stability and continuity roles that Army Civilians perform on a continuous basis. This revision is consistent with the existing doctrine, ADP 6-22, Army Leadership.

Army Civilian Corps Creed:

I am an Army Civilian - a member of the Army team.

I am dedicated to our Army, Soldiers, and Civilians.

I will always support the mission.

*I provide leadership, stability, and continuity during war and peace.
I support and defend the Constitution of the United State and consider it an honor to serve our Nation and our Army.
I live the Army values of loyalty, duty, respect, selfless service, honor, integrity, and personal courage.
I am an Army Civilian.*

The Army is investing in civilians by ensuring professional development and training, and providing leadership opportunities for civilians.

What continued efforts does the Army have planned?

Army Civilians will continue to serve the nation as one team of trusted Army Professionals, united by the vision to win in a complex world. They are and will always be an enduring, dedicated, and critical part of the fight.

Why is this important to the Army?

The establishment of the Army Civilian Corps as part of the Army profession has strengthened Army readiness. Army Civilians have and will continue to fulfill a vital role within the Army team.

[HQDA EXORD 188-19 ISO The Updated Army Civilian Corps Creed] (<https://www.milsuite.mil/book/docs/DOC-706865>)

(Source - Army STAND-TO)

What to do if someone emails you classified information on an unclassified system

Immediately:

- Stop what you are doing, shut down the computer and disconnect from the network.
- If you printed the information, unplug the printer and do not allow anyone to use it.
- If you have a government issued phone, turn it off.
- Using a desk/office phone call the NEC or the Security Management Branch.
- If you forwarded the information before realizing it was classified, phone all the recipients and instruct them to do steps # 1 through 4.

Golden Eagle release chance to learn

By Al Vogel

albert.c.vogel.civ@mail.mil



DPG Wildlife Biologist Robbie Knight extends one wing to show Dugway schoolchildren the placement of the feathers and explain how they contribute to the bird's ability to fly. Photo by Becki Bryant, Dugway Public Affairs



Army Sgt. Zachary Dunn (left) and Robbie Knight (red jacket), each held a wing and then tossed the golden eagle into the skies over Dugway Proving Ground, Utah. Witnessing the event were Dugway School students, teachers, Tooele School District officials and local bird admirers. Photo by Al Vogel, Dugway Public Affairs

Dugway School students from K-12 learned about birds of prey Dec. 19, and received a rare opportunity to see a golden eagle re-released into the wild.

The 12-pound female golden eagle was found grounded in early November, and refused to fly when approached by Dugway Proving Ground's wildlife biologists. It was placed into a rehabilitation facility, fed, and medicated until it demonstrated fitness to return to the wild.

The release at 5 Mile Hill, beside Little Granite Peak, was attended by approximately 100 students, teachers, bird enthusiasts, Tooele School District officials, Dugway's command staff and members of its Natural Resource Office.

Sean Featherston, science teacher at Dugway School, created an "Importance of Wildlife" essay contest for the students. It was won by Isabelle Lanbourne, a senior.

Robbie Knight, the NRO program manager, held the eagle firmly and allowed a few children to touch its wing feathers.

"My hope is that we released an adult golden eagle that will spend many years at Dugway," Knight said, noting that there are four unoccupied golden eagle nests at Granite Peak awaiting the bird.

Within Dugway's 800,000 acres, wildlife biologists have identified 404 nests made by birds of prey. Nearly 100 are made by golden eagles, who may nest year-round. Bald eagles spend little time on Dugway, migrating between Alaska and Mexico in spring and fall.

"Dugway Proving Ground is a good steward of the environment," Knight said. "While we support training and testing, we also protect all that is here."

THE DISPATCH

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News, information or comments may be submitted to:
usarmy.dpg.atec.mbx.pao@mail.mil



Commander: COL Scott D. Gould
Chief, PAO/Editor: Becki Bryant
Public Affairs Specialist: Al Vogel
Layout & Graphics: Robert Rampton
Video & Web: Darrell Gray

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