



Suicide
Prevention
Awareness
Month

INSIDE YOUR DISPATCH

A FIXTURE AT DUGWAY



Metal Shop craftsmen fabricate fixtures that save time and money.
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COMMAND PERSPECTIVE

COL Kirschner reaffirms our commitment to the Army's #1 priority.
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CONGRATULATIONS!



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ANNUAL TRIBAL MEETING

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HISPANIC HERITAGE MONTH



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FINAL STAGES!



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SO MANY PANCAKES

Dugway firemen serve breakfast with enthusiasm.
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AND MUCH MORE

DUGWAY'S METAL WORKERS BUILD EXACTING CHAMBERS

By Al Vogel
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After more than two years, four Dugway craftsmen are completing hand-made fixtures that will greatly improve the testing of defenses against chemical warfare agents or toxic chemicals.

Workers in the Dugway

Metal Shop, the four created six glove boxes and four end caps that will be used in the Materiel Test Facility, for challenging defense items with actual or simulated chemical agents.

Sam Hill, supervisor of the shop, said the project began January, 2014. Work was not



Maj. Gen. Daniel Karbler, commander of Army Test and Evaluation Command, is briefed by shop supervisor Sam Hill during his Aug. 18 visit to the Metal Shop. Behind them is Col. Sean Kirschner, commander of Dugway Proving Ground. Karbler praised the four men who work in the shop for their expertise that saves the Army and taxpayers money. Photo by Al Vogel / Dugway Public Affairs.



An unfinished glovebox, awaiting windows and a side panel. An industrial filtration system is already mounted below it. Photo by Al Vogel / Dugway Public Affairs.

◆ Exacting Chambers. Page 2.

COMMAND PERSPECTIVE

Readiness: Dugway's #1 Priority

As I sit here penning this on 11 September 2016, I am reminded how absolutely critical our Dugway mission is to supporting the readiness of our country's Soldiers, Sailors, Airmen, and Marines. I was working in the Pentagon on that fateful autumn day in 2001. I was far from the impact point and didn't even hear or feel the explosion (yes, the Pentagon is that big), but I did spend the remainder of that day as a search-and-rescue volunteer, watching the building burn and waiting for the order to "go in." The fire burned too hot all day to allow us to enter, so we were released at 1500 when the Old Guard arrived to relieve us.

During that somber ride home, through the eerily empty streets of suburban Northern Virginia, I recognized that my life as a Soldier had completely changed that day.

Fifteen long years later, we still find our armed forces

fighting evil across the globe. That evil is as insidious as ever, always looking for more wicked ways to defeat our technology and our vastly superior fighting abilities. Unfortunately, those wicked ways employ chemical, biological and high-explosive methods.

With that in mind, I remind you that the Chief of Staff of the Army's number one priority is readiness and that the Army's fundamental task is to win in the "unforgiving crucible of ground combat."

What does that mean for us here at Dugway? Easy: We must always put readiness at the forefront of our minds so it will guide everything we do. We must apply combat-like rigor and threat relevant conditions to everything we test, always keeping in mind that this equipment must work under the most extreme conditions at that critical moment when a Soldier's life

and/or mission success depends on it.

We must maintain our equipment and our infrastructure in a high state of readiness at all times. We must apply discipline and precision to our supply accountability. We must always be looking to the future, anticipating our enemy's next move, adapting ourselves and our facilities to stay ahead of our enemies and prevent surprise. Most of all, we need to take care of each other and ourselves to ensure we remain mentally, physically, spiritually, and emotionally tough. We must always strive to get better in both our professional and personal lives.

Team Dugway has demonstrated high levels of readiness and toughness over the past several months accomplishing an incredible range of successful events that were only possible through dedication and teamwork. From S/K

By COL Sean G. Kirschner

Commander, U.S. Army Dugway Proving Ground



Challenge, Jackrabbit and Desert Ice, to Independence Day and West Fest celebrations, to transitioning leadership at our Garrison, to hosting more distinguished visitors than anyone can remember in such a short amount of time, you have all done an amazing job.

Bottom line: Dugway is ready. Ready now to meet the needs of our Soldiers in combat today and ready for tomorrow to test our equipment against the next set of threats our enemies will throw at us.

EMPOWERING OUR
NATION'S DEFENDERS



DUGWAY NAMES MISSION AND MISSION SUPPORT EMPLOYEES OF THE 3RD QUARTER

Congratulations to Mr. Duane Shields and Mr. David Rhyne for being selected as DPG Employees of the 3rd Quarter FY16.



Mr. Duane Shields was selected as the Mission DPG Employee of the 3rd Quarter. He is recognized for his performance of his duties in the third quarter of FY16 working on the following efforts: National Ground Intelligence Center (NGIC) Ground Truth, Crater Algorithm Designed for Explosive chaRge Analysis (CALDERA), Engineering Research and

Development Center (ERDC) Dome, Rapid Response Tunnel Detection (R2TD), and Tactical Plasma Arc Chemical Warfare Agent Defeat System (PACWADS). As the Program Manager for all five of these efforts, Mr. Shields demonstrated excellence in ensuring the safety, environmental compliance, and security aspects as well as cost, schedule, and performance were managed appropriately. Mr. Shields' work demonstrated excellence in program management. His work supports initiatives to provide lifesaving tools and improved intelligence for the warfighter.



Mr. David Rhyne was selected as the Mission Support DPG Employee of the 3rd Quarter. Mr. Rhyne admirably led the Michael Army Air Field (MAAF) Aviation Resource Management Survey (ARMS) inspection preparation. The team inspected 35 Functional Areas which consisted of

MAAF Operations, Safety, Petroleum/Oil/Lubricants (POL), Air Traffic Services, and Airfield Infrastructure. The Team Chief noted in the out-brief that MAAF is operating in a safe/compliant manner and survey results showed "significant improvement" since the last ARMS inspection – in large part, this is due to Mr. Rhyne's leadership. Mr. Rhyne also provided valuable insight to an F-16 In-flight Emergency Hot Wash which established a clear path forward concerning Airfield Lighting and Crash Phone capability enhancements.

EXACTING CHAMBERS...

Continued from Page 1.

continual because other projects required the shop's expertise, but it was done whenever possible. The Engineering Branch of Dugway's Test Support Division provided the plans for the meticulous work by Brian Russell, model maker; Rudy Rael, sheet metal specialist and model maker; and Keith Cordova, welder.

Each of the six glove boxes is 6 feet long, 40 inches wide and 52 inches high. They are essentially airtight, portable stainless steel boxes. Portholes for sealed, permanent gloves along their sides allow operators to manipulate test items and equipment while viewing through windows of thick, tempered glass.

Four end caps were also constructed for operators to

bring test items, agent or simulant in or out of the glove boxes. Insulation, added later, will allow testing of items from -30 to 150 Fahrenheit, replicating a wide range of climates. The fixtures look simple enough, but it takes a true craftsman to make them properly, and safe for use with some of world's deadliest chemicals. "It's a lot of work for three guys," said Hill. "Where it all bolts together, it has to be right or it won't fit." Russell said that the most difficult part of building the 10 fixtures was getting every piece square – each corner at a perfect right angle – down to 10,000ths of an inch. Meticulously machined jigs of aluminum were first built, to guide the painstaking cutting of stainless steel sheets.

All cutting, milling and welding were done at Dugway.

Tooele Army Depot and Army Test and Evaluation Command made some small parts when it was more practical.

Rael did much of the fine milling, shaving thousandths of an inch off some pieces to ensure they were square and fit precisely. Cordova, who has welded for decades, said welding stainless steel is always a challenge because heat warps it badly. He believes welding is an art. The equipment and welding rods ("sticks") differ from when he started decades ago, but at its core, good welding still requires a wealth of knowledge and a practiced hand. "A good stick welder will never be out of a job," Cordova said.

When Maj. Gen. Daniel Karbler, commander of Army Test and Evaluation



Rudy Rael, sheet metal specialist and model maker, carefully shaves a few thousandths of an inch off the side of an end cap door with a milling machine. Hands-on metal working expertise like Rael's is critical when creating chambers that will contain deadly chemicals. Photo by Al Vogel / Dugway Public Affairs.

Command, visited Aug. 18, he praised the meticulous work of the four-man shop. "I'm always amazed at the talent that we have within ATEC, specifically within the machine shops in our test centers," the general said. "Everyone is self-sufficient. They make quality products to save the Army and the American taxpayer money."

Creating test fixtures on Dugway saves contract, bidding and shipping costs. Engineers and test officers can conveniently drop by the shop to monitor progress or discuss minor alterations. Such convenience promotes fixtures perfect for Dugway's needs.

The glove boxes are designed to fit to each other to create a series of stations. Test items are moved from one glovebox to another for contamination, measurement, observation, decontamination, etc. End caps allow the introduction or retrieval of items. Without exacting dimensions for each fixture, such multi-station use wouldn't

be possible. Glove boxes include a 700-pound air filtration system beneath, which also had to be fitted with exactitude.

Before test use, each glove box and end cap will undergo rigorous testing at the MTF to ensure it retains a perfect seal and functions as designed. Eventually, the filtered glove boxes and end caps will go into a trailer-sized, filtered Secondary Containment Module within the MTF's massive, filtered Multipurpose Chamber. At least three filtration barriers ensure that harmful chemicals can't escape the building (which is also filtered).

It's been a long project for the metal workers. Though there's a great deal of satisfaction in seeing the job completed, no tears will drop on the shop's well-swept floor. "You have to keep after it, or the things don't get done. But boy, we all want to see these leave," said Cordova.



Keith Cordova, welder at the Metal Shop. His decades of experience helped him weld this end cap and glove boxes, though stainless steel is notorious for warping under heat. Photo by Al Vogel / Dugway Public Affairs.

EFFECTIVE COMMUNICATION IS THE KEY AT ANNUAL UTAH TRIBAL MEETING

By 75th Air Base Wing
Public Affairs

Utah Department of Defense agencies hosted their annual face-to-face meeting Aug. 25-26 with American Indian tribes who claim ancestral and ongoing ties to lands managed by the DOD agencies.

Primary hosts for this year's meeting, which was held at the Bear River Bird Refuge in Brigham City, were the Utah National Guard and the

impact of all their activities and projects on cultural resources – archaeology, architecture and other areas of past human activity – on the lands they manage, said Anya Kitterman, Hill AFB's Cultural Resource Program manager. This means they must consult with those American Indian tribes who claim a traditional affiliation with lands managed by the agencies.

installation leadership.

Hill AFB started this annual meeting 11 years ago, and over time, invited other DOD agencies in Utah to participate. This year's meeting included discussions between DOD and tribal representatives about upcoming projects, site visits and protection of important tribal sites and areas.

There was also a guided tour of petroglyphs in Box Elder County, Utah, and workshops featuring American Indian crafts and food. The tribes were also provided information about a recent archaeological excavation on the UTTR that discovered evidence of a hearth used for cooking that dated to 12,300 years old.

"The tribes feel it is vital that we understand their culture and perspective so that we can fully protect and manage the resources they find so valuable and, in many cases, they may view as sacred," Kitterman said. "The one-on-one conversations and storytelling helps the military representatives gain a deeper understanding and appreciation for how the tribes view the world around them."

Col. David Dunklee, 75th Air Base Wing vice commander, represented Hill AFB and Col. Jennifer Hammerstedt, Hill's installation commander, at his first annual meeting. He said it was an honor to participate where the Air Force had the opportunity "to share our ongoing efforts to preserve and care for the vast and valuable land entrusted to our care."

Dunklee said the meeting helped to build stronger relationships and trust with the various nations represented.

"The key to its success is effective communication," he said. "I left the meeting with a

fight from the brink of extinction to simply be recognized," she said. "Yet, I



Rupert Steele of the Confederated Tribes of the Goshute Reservation takes a photo during a tour of a petroglyph site in Box Elder County, Utah, Aug. 26, 2016. The tour was part of the 2016 Annual American Indian Meeting, an event which provides a face-to-face forum for tribal leaders and federal agencies to discuss tribal concerns on federally managed land. U.S. Air Force photo by R. Nial Bradshaw.

Northwestern Band of the Shoshone Nation. Hill Air Force Base, Dugway Proving Ground and Tooele Army Depot co-hosted the event.

Attending were members of the Confederated Tribes of the Goshute Reservation, the Crow Tribe, the Duckwater Shoshone Tribe, the Paiute Indian Tribe of Utah and the Skull Valley Band of Indians. A representative of the Shivwits Band, which is associated with the Paiute, also attended, along with the Utah Department of Indian Affairs and the Utah State Historic Preservation Office.

Federal agencies are required by law to consider the

"The Air Force currently consults with 21 different tribes, spanning eight western states, who have ancestral and ongoing ties to Hill AFB-managed lands, including the Utah Test and Training Range," she said. "We continually seek ways to improve and increase dialogue so that the tribes feel their voice is being heard."

Kitterman said much of that consultation is done through mail, email and phone calls, but face-to-face meetings, such as the Annual American Indian Meeting and quarterly Utah tribal meetings, allow for more in-depth dialogue between tribal leaders and



Jason Brough explains the process of making chokecherry porridge to attendees of the 2016 Annual American Indian Meeting at the Bear River Migratory Bird Refuge, Brigham City, Utah. U.S. Air Force photo by R. Nial Bradshaw.

greater respect for the proud heritage of the Northwestern Band of the Shoshone Nation and the 20 other tribes having a connection to the Hill AFB mission. I echo Colonel Hammerstedt's commitment to strengthening the relationship

have seen them continue to grow and maintain their culture. Their appreciation of the greater landscape and inter-connectedness of the world around them has helped me become a better cultural resource manager and



Attendees of the 2016 Annual American Indian Meeting listen to a Prayer Song marking the close of the Annual American Indian Meeting, at the Bear River Migratory Bird Refuge, Brigham City, Utah. U.S. Air Force photo by R. Nial Bradshaw.

in the future."

Kitterman, who serves as Hill's archaeologist, has been attending the annual meeting for three years now and said they have helped her gain a great respect for the tribes.

"Many of them have had to

archaeologist by expanding my own perspective. I look forward to all of the meetings to come."

EMPOWERING OUR NATION'S DEFENDERS



Attendees of the 2016 Annual American Indian Meeting pose for a group photo after a guided tour of a petroglyph site in Box Elder County, Utah, Aug. 26, 2016. U.S. Air Force photo by R. Nial Bradshaw



Images are from the 2015 Jack Rabbit II chlorine gas release trials and show pre-release setup for the trial and actual release of chlorine gas.

Look for more current and extensive coverage of these important trials in the October issue of THE DISPATCH.

Photo courtesy of Dugway Proving Ground Public Affairs

Dugway Celebrates 2016 Hispanic Heritage Month

By **Bonnie Robinson**
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As we celebrate National Hispanic Heritage Month (September 15 to **October 15**) it's good to recognize the contributions of our Hispanic and Latino Americans to the United States. Here is the story of one of our own.

Lisbeth Reoyo works as utility billing clerk with the Dugway Garrison Public Works office. It is a position she truly enjoys because it means she can work with numbers. It also allows her advanced education.

Reoyo was born in Panama. She has a strong commitment to family and hard work. She feels extremely passionate about her new home in America.

She is a soft spoken woman with long, dark hair. She is shy about the musical lilt of her Panamanian accent, which reflects her home country. She is optimistic and entrepreneurial by nature, smiling easily as she talks about the opportunities coming to America has afforded her.

"I love my job here and I want to continue to grow and have more responsibility," she said of serving at Dugway. "It's important to me to continue to improve and learn new skills. I always want to be my very best."

Reoyo explains that her parents had encouraged their large family of seven children (she is the oldest of five girls and two boys) to get their education

and develop their skills, for which she is extremely grateful. She believes their advice has built a deep resilience and work ethic that are now the cornerstones of her life.

With their encouragement, she worked hard in school, graduating with



Lisbeth Reoyo works as utility billing clerk with the Dugway Garrison Public Works office. It is a position she truly enjoys because it means she can work with numbers. It also allows her to use her advanced education. Photo by Bonnie Robinson / Dugway Public Affairs.

a four-year university degree in business administration. Her degree led to a prestigious job in banking as a compliance officer. Later she was selected as an auditor for the Superintendence of Banking for the Government of Panama.

"My mother and father constantly told

me: You are a woman and you can do anything you want." This encouraged me to seek out new experiences and embrace opportunities that I am offered," she said.

In 1999 she met her husband, Roberto. He was stationed at Rodam

the tropical heat of Panama to bitter cold. It was minus 15 degrees the day she arrived in Alaska," Roberto said.

"I was crying as I looked out the window at the ice and snow," she recalled. "America seemed so hard."

Her first job was at the Army and Air Force Exchange Service. **"Because I didn't speak good English, I was hired as a cashier," she said. But it didn't take long for her new coworkers and friends to realize she how much experience she brought to the position. They rallied to assist her. Two months later she was hired as the store manager.**

"The people there were so kind and helpful. They encouraged me and gave me a chance for more responsibility," Reoyo said gratefully. "It was a wonderful experience. I will never forget their encouragement and their support.

Although it was hard to leave her home country and family in Panama, the legacy of service, hard work, and building friendships, taught by her mother and father, continues to sustain Reoyo and her family.

"I am so thankful for the support I have found from my coworkers here. They have been so good to encourage and accept me. My parents were right in what they taught me as a girl. I don't have to be frightened as I reach for new opportunities. I have found this country is very accepting."

Naval Station, with the Naval Military Police, serving as a Physical Security Specialist and Instructor for the Foreign Military Drug Interdiction Program. By both accounts it was love at first sight.

In March of 2005, Roberto was assigned to Fort Greely, Alaska. Moving there was difficult for a first American experience. **"She went from**



2016 Hispanic Heritage Month Event

Family Friendly Movie Presentation at the Sportsman's Lodge:

MCFARLAND, USA

Based on the true story of track coach Jim White (played by Kevin Costner), a newcomer to a predominantly Latino high-school in California's Central Valley. Coach White and his new students find that they have much to learn about one another, but things begin to change when White realizes the boys' exceptional running ability. More than just physical prowess drives the teens to succeed: their strong family ties, incredible work ethic and commitment to their team all play a factor in forging these novice runners into champions.

There will be two opportunities to see the movie:

21 September	22 September
1115-1330	1500-1730

Enjoy popcorn, drinks and free food sampling of traditional Hispanic American food.

For more information contact the Dugway EEO Office at:
(435) 831-3611




4TH ANNUAL DUGWAY TRAIL AND ULTRA RUN

SAT. OCT. 22, 2016

DUGWAY PROVING GROUND, UTAH

5K 10K 20K 30K 50K

5K & 10K RUN/WALK INDIVIDUAL AND 4 PERSON MILITARY & CIVILIAN TEAM CHALLENGES	REGISTRATION PRIOR TO 1 OCTOBER
	FEES: START TIMES: 50k- \$55 7 a.m. 30k- \$45 8 a.m. 20k- \$40 9 a.m. 10k- \$30 9 a.m. 5k- \$25 9 a.m.
LODGING AND DRY CAMPING AVAILABLE AT DESERT LODGE IHG AND COYOTE RUN RV PARK	TEAM ENTRY- \$60 \$5 DISCOUNT FOR ACTIVE DUTY MILITARY
REGISTER ONLINE AT WWW.ULTRASIGNUP.COM	REGISTRATION FEES AFTER 30 SEPTEMBER ADD \$10




For more information call:
(435)-831-2318/2705
www.dugway.armymwr.com



Currently playing on the Dugway YouTube Channel

- Command Video
- MG Karbler Assesses Glovebox Project
- MAJ Cho Promotion Ceremony

www.youtube.com/channel/UCPjFIEBY7j7ay6m7FouadqQ



According to Tooele County Roads Department director, the Mormon Trail road is closed for rebuild of a 7 mile stretch from Rush Valley city center northward to link up with a 6 mile portion that was rebuilt two years ago.

The road rebuild is a \$2 million project that is scheduled to be completed October 15-30.

For further info, contact Tooele County Road Department: 435-843-3204.



UDOT UPDATE

Ongoing Activities

- The resurfacing project is in the final stages of work and will be completed before the end of the month.

Upcoming Activities

- Final asphalt/gravel tie-ins to driveways and roads on both routes will be complete by Wednesday.
- Touchup striping will happen this week.

Specific Issues

- The contractor has swept gravel off turns in the pass and will sweep again during touch up striping. However, the responsibility will now be on automobile and commuter van drivers to avoid driving on the shoulder so gravel is not thrown onto the roadway to become a hazard for motorcyclists.
- No additional guardrails will be installed in the pass (SR-199). UDOT and the contractor are aware that there are many steep drop-offs that exist that will not have guardrails. Automobile and commuter van drivers are reminded to slow down, obey posted speed limit signs and negotiate the curves in the pass carefully.

Stay Informed. Sign up for project emails to stay up to date on construction progress and impacts at sr199@utah.gov or by calling the hotline 888-556-0232.

4TH ANNUAL FIRE DEPARTMENT PANCAKE BREAKFAST SERVES UP COMMUNITY PRIDE

The USAG Dugway DES Fire Department held its 4th Annual Fire Department Pancake Breakfast and once again it was a huge success with the workforce and community. In addition to the breakfast, the Fire Department gave tours of the station, allowed community members to experience the capabilities of our aerial apparatus, and handed out fire prevention promotional items. A visit from Smokey the Bear was a big hit with the children! All of the \$550 worth of food, drinks, and supplies were purchased by the members of the Dugway Fire Department using their personal funds.



Fire Department Pancake Breakfast by the numbers:

- 322** Visitors to the station, including students from Dugway Elementary and High School.
- 102** Positive ICE comments.
- 70** Lbs. of pancakes.
- 45** Dozen eggs, scrambled.
- 35** Lbs. of breakfast sausage.
- 18** Gallons of orange juice.



THE DISPATCH

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Contractors will begin milling Stark Road from ACP1 to ACP2 on 20 and 21 September from 0730-1700.

During the work, there will be one lane of traffic.

For questions or problems contact: 435-830-7812.

Please share The Dispatch with family, friends, acquaintances or anyone who might be interested in news and happenings at Dugway Proving Ground.

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