



INSIDE YOUR DISPATCH



AND THE WINNERS ARE . . .



Nesting golden eagles under close watch at DPG.

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Small actions can lead to big changes.

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Two new Hall of Famers for DPG.

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Money saving demolition helps Dugway meet future goals.

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Old Navy gun has a big Dugway story to tell.

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The complete run-down.

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AND MUCH MORE

Project of the Year

By Becki Bryant
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A project utilizing unmanned aircraft systems (UAS) to monitor golden eagle nests at Dugway Proving Ground (DPG) has won national recognition. The project was named the 2020 Resource Conservation and Resiliency Project of the Year by the DoD's Environmental Security Technology Certification Program (ESTCP).

DPG is home to multiple breeding pairs of golden eagles, which are protected under the

Bald and Golden Eagle Protection Act and the Migratory Bird Treaty Act. Because of these regulations, military testing and training activities can be restricted if they risk disturbing active eagle nests. Therefore, it is vital for Dugway Proving Ground, and similar military testing and training ranges, to know the location and status of eagle nests.

For two years during the breeding season, the project

◆ Project of the year. Page 2.



A small unmanned aircraft system (sUAS) is shown in flight at Dugway Proving Ground. The sUAS is one of three platforms utilized during the two-year project to locate golden eagle nests on the installation.



Command Perspective

365 Opportunities.

Happy New Year! The year 2020 is in our rearview mirrors. This last year definitely challenged all of us. Many things we planned did not go as planned or simply did not occur. All of us have learned something from 2020. I think, we are looking forward to 2021 and the potential it can bring.

My 2020 experience highlighted the fact that many things are beyond our control. My biggest lesson learned is that I need to focus on those things I can control. It also taught me how to better influence those things I do

not directly control. Thus, I'm taking 2021 to make positive impacts on these things.

I see 2021 as presenting 365 opportunities to achieve my goal. I have 365 opportunities to make a positive difference during 2021. I am assessing professional and personal aspects of my life. I am determining what things under my control or influence I can impact. I can then take the opportunity to make a change. Change starts with action. These actions do not require to be large earth moving actions. The smallest of actions add up. In time, many small actions can create enormous

change. Small actions do not have to be overly complicated. They can be simple without requiring massive amounts of planning.

What are you going to do with your 365 opportunities? Will you focus on personal or professional goals? Will you make small changes at home or work? I ask you to take some of these 365 opportunities and make changes here at Dugway Proving Ground. Look to make a positive impact in your workplace. Seek ways to positively impact your co-workers. I believe we all want a better year than 2020 handed us. 2021 gives



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

us the gift of 365 opportunities. How will you use those opportunities?

Project of the Year . . .

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A photo taken by a small unmanned aircraft system (sUAS) confirms a golden eagle nest on Dugway Proving Ground is active with a chick.

team monitored DPG's eagle nests using three observation methods: an on-the-ground human observer, a military UAS and a small UAS (sUAS). The three methods were compared

against each other to determine which one offered the most benefits. Researchers found the sUAS to be an extremely useful tool, able to quickly identify nests and take photographs to help

determine the age of the eagles, which is an important criteria when deciding whether mission operations can safely continue.

"Simply being able to monitor adults and more accurately

determine where they are in the nest-to-hatch process allows military activities into additional locations that have traditionally **been limited," explained wildlife biologist, Robert Knight, Natural Resources Program Manager at DPG.**

The results of the two-year project, said Knight, will be made available through a final technical report and a guidebook for range managers that will focus on the use of sUAS.

"The results will inform range managers and natural resource managers on the best way to leverage technology to reduce range restrictions while meeting eagle stewardship responsibilities and critical mission objectives."

Being able to use a military UAS, in this case an MQ-1C Gray Eagle, was made possible by the Rapid Integration and Acceptance

Center (RIAC), a DPG tenant that conducts end-to-end testing of UAS.

Ron Delgado, RIAC Product & Operational Safety Lead, who was part of the project team, pointed out other long-term benefits. **"The opportunity for RIAC to support this effort impacts all missions on Dugway. This project provides students being trained in unmanned aircraft systems the challenge of being given a grid coordinate and then identifying a difficult target. This will enhance UAS operator abilities to support difficult missions when deployed."**

In addition to RIAC and the DPG Natural Resource Office, the project team included Select Engineering Services, HawkWatch International, and the Army Threat Systems Management Office.



An MQ-1C Gray Eagle was the military-grade UAS used in the two-year project at Dugway Proving Ground to observe golden eagle nests. The project compared three observation methods, including the Gray Eagle, to determine which one offered the most benefits. Dugway Proving Ground stock photo.



This photo, showing golden eagle parents with their baby, was taken by a nearby remote camera. Remote cameras were placed at nesting locations to compare against the three observation methods that were evaluated during the two-year project.

Bruce, DiCarlo Inducted into Hall of Fame



George Bruce

George Bruce and Andrew DiCarlo are selected as **this year's inductees into the Dugway Proving Ground Hall of Fame.** Additionally, Bruce receives the **Commander's Award for Civilian Service,** and DiCarlo receives the DPG Certificate of Appreciation.

George Bruce began in 1968 as a teacher at Dugway High School and then was its principal for 21 years. He was a coach for 50 years at Dugway High School, through both positions.

Under his coaching, Dugway High School earned 10 state titles: 7 in cross country, 2 basketball and 1 tennis. For 40 consecutive years, DHS made it to the state basketball tournament. Dugway High School basketball won 698 games during his 50 years as a coach, the most in state history.

He and Karen, his wife of 58 years, have four children: Steve, Scott, Kristi and Heidi, all DHS and college graduates.

Andrew DiCarlo first came to Dugway Proving Ground in 1973 as an Air Force officer, to coordinate drone testing with the Army. Eventually, he was assigned permanently to Dugway, for Air Force testing of cruise missiles, air and ground-launched drones, and other testing. DiCarlo retired from the Air Force in 1982, worked for General Dynamics and eventually got a Civil Service job at Dugway in 1988 as chief of Range Control and Scheduling. He was appointed chief of the newly formed Operations Division in 1998.

DiCarlo and his wife, Bobbi, lived in nearby Terra for many years and were active in the Dugway community. They have one son and four daughters.

DiCarlo's many years of leadership and service in Range Control, and Operations, continue to have a positive impact at Dugway Proving Ground. His work has left a lasting legacy and contributed to the continuation of safe operations.



Andrew DiCarlo

52 Housing Units Face Demolition



Heavy machinery takes down portions of the housing unit on 213 East Fifth, as one of 38 houses on East Wherry streets to be demolished. Built in the 1950s, the houses have become more expensive to maintain unoccupied than to demolish. Photo by Al Vogel, Dugway Public Affairs

By Al Vogel
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To reach the Army goal of a minimum 93% housing occupation, Dugway Garrison Public Works is demolishing 52 housing buildings dating to the 1950s and 1960s.

The housing units cost more to maintain unoccupied than the expense of demolishing them, said John Eakins, Lead Quality Assurance Specialist for Dugway Proving Ground's Public Works office.

occupied, 73 are unoccupied. Within the 73 unoccupied housing units, 25 are dedicated for coronavirus quarantine but have not yet been used for such.

Aaron Goodman, Garrison Manager for DPG, said, "I'm very proud of our team's collective efforts over the past several years to demolish our oldest and worst-condition homes, to create a housing master plan that supports a responsible strategy for the future at Dugway.

"This helps us demonstrate to

Wherry Housing, the demolition of 38 more houses is underway: Second Avenue will lose three or four units that have issues; most housing in Third, Fourth and Fifth Avenues will be demolished. All told, 62 housing units in 52 buildings (10 are duplexes) will be demolished by the end of January or early February.

Money saved from not maintaining unoccupied units will be used to ease budget cuts incurred this year, Eakins noted.

"Overall, I have to say a huge



The first East Wherry Housing unit was opened Dec. 23, 1952. Patricia Hale, 8, daughter of Dugway's commander, Col. Donald H. Hale, cut the red ribbon. Dignitaries in attendance included the governor's deputy, president of the University of Utah and an Apostle of the LDS Church. The 400 East Wherry houses were completed in 1953 and were managed under an organization called Dugway Homes, Inc. In 1959, the Army acquired the 400 units for \$3.5 million. Salt Lake Tribune photo.

According to Eakins, "We are the largest Army-owned housing inventory in the continental U.S. We still own two-thirds of all government housing on the installation." No other government agency within the contiguous states comes close to DPG's housing holdings, Eakins noted. DPG owns and maintains 256 housing units. Of this, 183 are

the Army and Department of Defense that we are serious about doing our part to meet Army goals and be responsible," Goodman said. "We want to ensure we are only putting money into homes we intend to keep and maintain at the best level possible."

Recently, 14 houses in St. John Housing were razed. In East

thanks not only to our Division of Public Works team, but also our installation partners and residents for doing what was needed to move us forward in a positive way for our housing inventory," Goodman said. "Together we will continue to do what's needed to support Dugway Housing."

CHAPLAIN'S CORNER

By Chaplain (MAJ) Wesley A. Gornall

he said "A man can't just sit around."

2020 is finally over, and many of us won't look for it in the rear view mirror! Covid has changed our lives, our work places and relationships. With the old year behind us what shall we look forward to in 2021? You may be thinking it's going to be awful too. But maybe we will continue to adjust and look for ways to experience new things.

Have you heard of Lawnchair Larry? He was sitting around doing absolutely zilch (not exactly covid conditions, but close) when he decided to fill 45 helium balloons and attach them to an ordinary patio chair. When he launched his "chaircraft," it rose to 16,000 feet. He brought his pellet gun to burst some of the balloons in order to land. The flight lasted 45 minutes, involved two commercial airliners and invaded the approach corridor of the Los Angeles airport. Lawnchair Larry tried to fulfill his dream to fly, but perhaps he went about it the wrong way. After being arrested,

We can make much more of this New Year than we think. I am not advocating for lawn chair flights over DPG. But maybe it's time to get off our couches, to dream, and to ascend to new heights by trying to launch something totally new.

Are you just sitting around? Your ascent will come only if you are willing to change and choose to seize new opportunities; that won't come easily. Alexander Whyte says: "What a person chooses, and how a person chooses, when opportunities and alternatives and choices are put before them - nothing more surely discovers one's character more than that." John Maxwell likewise says, "Life is a matter of choices, every choice you make makes you." Individually, we cannot control many of life's circumstances. But we can control our attitudes and actions in response. So what will you choose to do in 2021?

ATEC Employee of the Year

Congratulations to Lola Hobbs, who has been named the 2020 Employee of the Year by the Army Test and Evaluation Command (ATEC). Hobbs is a Budget Analyst with Dugway Proving Ground's Resource Management Division. She was recognized for working directly with external customers, preparing 24 support agreements and two waivers implementing the latest regulations and forms, accepting \$3.7 million in funds and returning over \$1 million before they expired. Her quick action enabled the Utah National Guard to receive training before deploying when California's ranges were closed because of fires. She also provided the technical know-how to fellow accountants at Defense Finance Accounting Service on electronic funds transfers. Photo courtesy Lola Hobbs



Abandoned Navy Gun has a Long Army Story

By Al Vogel

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In the remote desert mountains of Dugway Proving Ground stands a Navy gun, its 23-1/2 foot barrel elevated, seemingly ready to fire. Though its surroundings seem incongruous with the



Looking from the breech to the muzzle of the 23 1/2-foot barrel of the naval gun in the desert of Dugway Proving Ground. The bore is 6 inches in diameter; it once fired projectiles weighing 95 to 98 pounds, depending upon use. Photos by Col. Scott Gould

sea, it served an important mission: test firing 6-inch diameter, 98-pound projectiles filled with chemical agent. When the U.S. abandoned its chemical and biological weapons programs in 1969, the gun fell silent.

Recently exploring possible test sites,

installation Commander Col. Scott Gould encountered the U.S. Navy gun on the west slope of the Cedar Mountains. He was intrigued by its presence on DPG.

Contacting Rachel Quist, DPG's Cultural Resources Manager and ad hoc historian, revealed some of the history of DPG real property #7532, as it's inventoried.

Markings in steel of "U.S. NAVAL GUN FACTORY W.N.Y. / 6IN GUN MARK D No 2399 / MOD. 1 / 1909 / 1946" tell a lot: The U.S. Naval Gun Factory in the Washington, D.C. Naval Yard manufactured the gun in 1909, then modified it in 1946 to fire test artillery projectiles.

MARK D indicates it was an experimental pilot model, originally with a barrel 50 calibers in length. In artillery parlance, barrel lengths are measured by the number of bore diameters. With a 6-inch bore, its original barrel length was 6 inches X 50, or 25 feet. At some point, its barrel was shortened to 47 caliber (23.5 feet). The gun originally fired loose projectile and powder bag, but may have been rechambered to take 6" case ammunition. Originally defending a ship or a harbor, it was brought to DPG in 1955.

Additional markings on the gun include inspection/proof marks, an anchor and "6" YOKE MK.7 / 154050-2".

Quist noted in an email: "During WWI and WWII, 6-inch guns could be found on many types of naval ships and on ground installations." It might have been used in



Model 1, made in 1909 at the Naval Shipyards of Washington, D.C. was brought to Dugway Proving Ground in 1955. This gun was once used to fire 6-inch diameter projectiles containing chemical agent.

both world wars, but no documents tie it to any individual ship or installation.

During World War II and well into the 1950s, a number of Navy personnel were stationed at DPG to learn and teach chemical warfare defense at sea. A 1954 DPG report notes that Navy bombs, rockets and artillery projectiles, containing

chemical agent, were prepared and disseminated here.

When the gun was last fired, even with conventional munitions, no one seems to know – or take a risk with 110-year-old breech steel. And so MOD. 1 / 1909 sits, unused and almost unknown.

U.S. ARMY DUGWAY PROVING GROUND AWARDS AND RECOGNITION 4TH QUARTER FISCAL YEAR 2020



EMPLOYEE OF THE YEAR

LOLA HOBBS, Budget Analyst, Resource Management Division
From July 2020 to September 2020, Lola directly worked with external customers preparing 24 support agreements and two waivers implementing latest regulation and forms accepting \$3.7 million in funds and returning over \$1 million before they expired. Her quick action enabled the Utah National Guard to receive training before deploying when California's ranges closed due to fires. Lola also provided the technical know-how to fellow accountants at DFAS on electronic funds transfers.

DPG-ATEC EMPLOYEE OF THE QUARTER

TONYA ASHMENT, Mission Employee of the Quarter
For leading a team to achieve verification and validation of the Chemical Agent Vapor test fixtures. Her talents, abilities and perseverance led the team in overcoming extremely challenging scientific, engineering, cost, schedule, scope, and data collection problems.

LOLA HOBBS, Mission Support Employee of the Quarter
For preparing 24 support agreements and two waivers implementing the latest regulation and forms accepting \$3.7 million in funds and returning over \$1 million before they expired. Her quick action enabled the Utah National Guard to receive training before deploying.

DPG-IMCOM EMPLOYEE OF THE QUARTER

JAMES DEKANICH, Mission Support Employee of the Quarter
For demonstrated superior service while planning and coordinating year-end fiscal execution. While performing his assigned duties, he supported the Garrison by completing 80 purchase transactions, executing just under \$100,000 in the last two months of the fiscal year.

DPG-ATEC EMPLOYEE OF THE YEAR

TONYA ASHMENT
For leading a team to achieve verification and validation of the Chemical Agent Vapor test fixtures. Her talents, abilities and perseverance led the team in overcoming extremely challenging scientific, engineering, cost, schedule, scope, and data collection problems.

LENGTH OF SERVICE

5 YEARS

MICHAEL GALLEGOS
GARRY HAWKINS

HENRY MARCINOWSKI
JEFFREY PEERY
JEDEDIAH SMITH

10 YEARS

BRETT BAUMGART
DANIEL BRYANT
DARRYLL DUDLEY
JEREMIAH JOHNSON

THOMAS JOHNSON

TONY KEMP
NEAL THOMSON
RYAN USSING

15 YEARS

ROSS LANG
MICHAEL LEWIS

20 YEARS

RON DRUMMOND
WILLIAM DURNING
BRETT RITZMANN

15 YEARS

ROSS LANG
MICHAEL LEWIS

20 YEARS

RON DRUMMOND
WILLIAM DURNING
BRETT RITZMANN

25 YEARS

JOHN EAKINS
DARRELL GRAY
OLIVER MALCOLM

MICHAEL STARK
JEFFERY WINTLE

30 YEARS

DEBRA HANSEN

35 YEARS

PHILIP KRIPPNER

DPG CIVILIAN SERVICE MEMBER OF THE QUARTER

MATHEW ADAMS, CSMOQ and Civilian Service Member of the Year
For his demonstrated exceptional achievement while serving as the Operations Officer for the Directorate of Operations within IMCOM, showing the ability to be led and to lead without question or conflict and has become the leader of two major groups in support of the COVID-19 response.

LOLA HOBBS, CSMOQ

For preparing 24 support agreements and two waivers implementing the latest regulation and forms accepting \$3.7 million in funds and returning over \$1 million before they expired. Her quick action enabled the Utah National Guard to receive training before deploying.

AWARDS AND RECOGNITION CONTINUED...

CERTIFICATES OF APPRECIATION

LOGISTICS READINESS CENTER

For professional service and steadfast support across the installation, particularly during the transition of logistical service support in support of the reorganization.

NETWORK ENTERPRISE SYSTEM

For your continual dedication and professionalism and your expertise and support of the installation's telework capabilities, ensuring a smooth transition without risk to our mission.

MISSION & INSTALLATION CONTRACTING COMMAND

For your ability to execute all mission support requirements across Dugway Proving Ground with a minimally staffed workforce and deliver every end product in a timely manner.

CIVILIAN SERVICE COMMENDATION MEDAL

HEATHER DEKANICH

For creating a new purchase request procedure that shortens cycle times and improves communication and the ability to research transactions.

JEFFREY GARCIA

For outstanding leadership and tireless efforts executing verification and validation testing of the Test Grid Safari and Instrumentation (TGSi) system.

RACHEL QUIST

For regularly providing social media posts that focus on Dugway Proving Ground's history and its protection and preservation of its archeological sites and artifacts.

QUENTIN STRINGHAM

For outstanding leadership and tireless efforts executing an ATO transfer, verification and validation testing to include follow-on transition activities of the Test Grid Safari and Instrumentation (TGSi) system.

CERTIFICATES OF ACHIEVEMENT

ALEXIS CASE, ALISON CURTIS, MARIA DETTLE, CHARITY GRIEGO, SANDRA NELSON AND BOBBIE THORNTON

For their determination and unflinching can-do attitude to care for Mission Essential families during the COVID-19 pandemic.

RON DRUMMOND

For exceptional service, ensuring the installation's drug testing requirements were met, despite COVID-19 challenges.

JINKY TULABOT

For exceptional leadership and teamwork, safely reopening the Ditto Diner despite a shortage of staff and considerable challenges with COVID-19.

CIVILIAN SERVICE ACHIEVEMENT MEDAL

STEPHEN BALDERAS

In recognition for exceptional performance on behalf of the WDTC for successfully executing a series of extremely complex UAS test events and for exceptional service while serving as the Program Manager for the Special Programs Division from June 2018 to March 2020.

MICHELLE BARNEY

For ensuring proper execution of funding, enabling continued support for the data center, test support entities and upgrades to test center infrastructure.

MICHAEL CAMERON, BRIAN PETERSON, JACK SKEEN

For excellent service as a member of the negotiating team for the collective bargaining agreement between Dugway Proving Ground and the National Association of Government Employees, Local R-14.

RENEE DROCHNER

For outstanding support and taking the initiative to coach, mentor and train newly hired division staff action specialists and standardize administrative procedures for the test center.

KELLY ELTON

For his outstanding contributions that ensured the successful execution of a series of extremely complex UAS test events.

BRAD GRGICH, JARED HAMMERSTROM, ADAM HUNT, PHILLIP HUNTER, ANDREW LINE, AARON LOPEZ, DAVID MCATEE, DUSTIN NEIL, GARY PUTNAM, DEVIN ROLLER, BRENDT SIGVARDT

For providing subject matter expertise to various test programs that are vital and in direct support to our nation's defenders while ensuring the safety of the team and customers.

JESSICA HANSEN

For her commitment to the newly implemented Defense Information System, streamlining employee onboarding and implementing an audit system to support the surety mission.

PAUL MARQUARD

For extraordinary efforts as Certifying Official, Collateral Duty Safety Officer, Training Officer, and acting as the Facility Accountability Officer from July – September 2020.

VINCENT PRINCE

For planning and executing a hazardous range sweep that resulted in a survey clearance of nearly 16,000 square meters, accurately identifying and recovering over 180 UXOs.

DEVIN ROLLER

For identifying a critical irregularity of engineering procedures during a test setup that would have damaged costly test missiles and delayed the test program.

SHAWN SAGERS

For exceptional performance executing a test program that exceeded customers' expectations.

DUANE SHIELDS

For excellent leadership skills that enabled his team to identify solutions for numerous challenges and resulted in the successful execution of multiple tests valued at more than \$1.2M.

GARY WILLIAMS

For exceptional service to Dugway Proving Ground, Directorate of Family and Morale, Welfare and Recreation, and Child and Youth Services from July 2020 through September 2020.

JEROME WILLINGHAM

For exceptional leadership and outstanding commitment to Equal Employment Opportunity and meeting requirements for Project Inclusion.

THE DISPATCH

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



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EMPOWERING THE NATION'S DEFENDERS

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