

The Dispatch

June
2012

Dugway Proving Ground, Utah



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Dugway Proving Ground - Science Serving Warfighters and Citizens

No. 1

Advocates for America's Army

AUSA tours Dugway Proving Ground's West Desert Test Center

Story and photos by Bonnie A. Robinson
Public Affairs Specialist

To advocate means to take a straightforward way to support, encourage, promote or extend the reach of something vital. That's what the Association of the United States Army (AUSA) 7th Region members were doing during their April 26 tour of Dugway Proving Ground.

"We are here because we are interested in Dugway and want to learn more about its specialized programs, testing and training capabilities, said retired Col. Fred Allen, Utah Chapter president.

The tour was part of the 7th Region's annual meeting. This year it was hosted by the Utah Chapter, in Salt Lake City. The 7th Region includes members from five states; Southern California, New Mexico, Arizona, Colorado, Wyoming and Utah. Officers and members from other regions and the national headquarters in Arlington, Va., may attend regional meetings, depending on their interest in a local military installation.

"I have a son who has been deployed. If every military mother could see what we have seen today, they would sleep easy knowing there are capabilities like this that help protect their sons and daughters."

*Retired Lt. Col. Isabelle Slifer
Assistant Director of Army Reserve
Affairs Regional Activities*

"Everyone has been eager to attend the Dugway tour," Allen said. "A big part of AUSA's

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Members of the AUSA 7th Region enjoy interacting with a TALON robot April 26 during the West Desert Test Center tour. The robot's advanced models have sensors designed to check for chemical and biological agents, radiation, and irritants like pepper spray and Mace making them useful in testing at Dugway Proving Ground.

AUSA: Advancing the interests of America's men and women who serve



Retired Lt. Isabelle Slifer, AUSA assistant director of Army Affairs Regional Activities and retired Col. Dave Booze, 7th Region President, observe the S100 Unmanned Helicopter at the AUSA April 23 tour at Dugway's West Desert Test Center.

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effort to promote its role in national security. We are especially interested in what Dugway is doing now and where it is going in the future.”

Col. A. Scott Estes, DPG commander, welcomed AUSA members inside the Michael Army Airfield's (MAAF) historic World War II hangar.

“We have just eclipsed our 70th Anniversary and we are extremely proud of what we have accomplished here,” Estes said. “Because of our location, Dugway has the rare ability to offer broad-based testing and training that really can't be done anywhere else. We are excited to show you some of our programs, testing facilities and talk with you about our training capabilities.”

After viewing videos highlighting the test center, members were briefed by Jenny Christensen, site manager at the Rapid Integration and Acceptance Center (RIAC), on the unmanned aircraft systems (UAS) program at Dugway.

The UAS are widely used by U.S. troops to establish intelligence, surveillance and

reconnaissance superiority on the front lines of today's conflicts. In 2009, a decision was made by the Army to consolidate its unmanned aviation assets and establish the RIAC at Dugway, Christensen said.

“Establishing RIAC meant that the Army's various platforms could be tested by integrating them to see how they can work together. This is an operational plus, since collecting critical over-flight video and tactical information in real-time is a huge advantage for battlefield commanders and Soldiers,” Christensen said. “This is crucial in many ways, but most of all, because there is nothing more important than having fewer Soldiers downrange and out of harm's way.”

On display in the MAAF hangar were the MQ-1C Gray Eagle, MQ-5H Hunter, RQ-7 Shadow and the Camcopter S100, an unmanned helicopter. Dugway's team was quick to point out design and tactical abilities of each aircraft and answer any member's questions.

“This is a real success story,” said Alfred Baye, a retired chief warrant officer, who now lives in Albuquerque, N.M. “I love this stuff! I have been following stories of these [unmanned] aircraft. I am thrilled to have a chance to see them up close.”

After lunch, members were invited to view displays, ask questions and talk one-on-one with the West Desert Test Center's project managers and program directors inside the training facility. Moving outdoors, members had a chance to climb into a Stryker Nuclear, Biological Chemical Reconnaissance Vehicle (NBCRV). The Stryker was on loan from the 23rd Chemical Battalion of Joint Base McChord-Lewis in Washington state. The battalion Soldiers were training on Dugway's desert ranges and enthusiastically jumped at the opportunity to support the AUSA tour.

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AUSA members in front of the MQ-1C Gray Eagle on display April 23 at Michael Army Airfield's historic World War II hangar. The drone has operated in Iraq and Afghanistan and now used for testing at Dugway Proving Ground's West Desert Test Center in Utah.



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COMMANDER'S HOTLINE: 831-3737

People don't need to be told what's not working, but sometimes commanders do. Actions build communities. If there's a problem, let's hear about it. Leave a message, name and phone number.

THE DISPATCH



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Leadership in Energy and Environmental Design

DPG housing construction takes the LEED

Story by Al Vogel
Public Affairs Specialist

Thinking of home improvements, or buying a home you can improve? Or perhaps you want to see the Army efficiently using its olive-drab dollars? Then attend the four open house events in June and July that will show off new Army housing in English Village, built to maximize energy efficiency without sacrificing comfort and beauty.

An open house for 12 newly built homes at Reneau Court (where housing once stood but was demolished years ago) will be 8 a.m. to 1 p.m. on June 28, or July 5, 12 or 19. The new homes are off West Knight Avenue, upslope from the Dugway Mall.

Construction began Aug. 22, 2011, with completion expected next month. Twelve homes are under construction at Reneau Court, and three on Colonel's Hill a mile from Reneau Court. Total cost is \$8,816,949.63, said Capt. Michael Beck, project engineer for the U.S. Army Corps of Engineers (USACE), overseeing the home construction.



Contractors spread concrete for the sidewalk in front of one of seven, field-grade, single-family, three-bedroom houses. There are five two-story houses that are duplexes, each accommodating two families separately. Fourteen of the 15 contractors are from Utah, with one from Idaho. The project emphasized the use of local contractors as much as possible.

Photo by Al Vogel



Photo by Bonnie A. Robinson

Elias Diez (right) and Keanan Raven with Raven Roofing and Construction of Eagle Mountain, Utah cut siding to go on a company-grade (captain or below) house. Company grade houses, like the one seen behind them, are two-story duplexes that will house two families separately.

All of the contractors are from Utah, except for one from Idaho. Dugway gains no more housing than before; 17 aging, single-family homes that would have required expensive makeovers were demolished before the new homes that will house 17 families were completed.

The new homes are highly rated by the Leadership in Energy and Environmental Design

Visit the open house for 12 newly built homes at Reneau Court 8 a.m. to 1 p.m. on June 28 or July 5, 12 & 19. The new homes are off West Knight Avenue, upslope from the Dugway Mall.

(LEED). Contractors have assured USACE that the homes will meet the Gold standard of LEED, but Capt. Beck feels that the extraordinary efforts at energy efficiency may earn the highest rating: Platinum.

Seven of the Reneau Court homes are field grade: single-family, three bedroom and 2,078 square feet. One is designed for the handicapped, meeting American with Disabilities Act (ADA) requirements. The ADA house includes lower counters in the kitchen and bathroom, counter-top cooking controls, easily removed kitchen cabinets to allow wheelchair access under counters, wider

doors, flush door thresholds and other features. Five of the homes are company-grade (captain or below) duplexes that house two families separately. The three-bedrooms are 1,904 square feet, four bedrooms are 2,134 square feet.

Three new houses are also under construction at Colonel's Hill, about a mile from Reneau Court, for Dugway's commander, sergeant major and garrison manager. The commander's home is 2,966 square feet. The garrison manager and sergeant major's homes are identical, with 2,339 square feet.

The Colonel's Hill homes were likely built in the early 1960s. Though refurbished through the years, they had become problematic. The former sergeant major and garrison manager homes are demolished; the original commander's home remains occupied. The new homes will incorporate many of the same energy efficiencies found in the 12 new homes.

At Reneau Court, energy efficiencies include improved insulation in the walls and ceiling, new building envelope sealing to eliminate outside air infiltration, Energy Star appliances, low-

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New housing project focuses on energy and environmental design



Photo by Al Vogel

Scaffolding envelops the front of the Commander Quarters, allowing workers to prepare for the stonework that will cover the entrance to the front door and accents the lower third of the home.

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emissivity windows to reduce energy loss, etc. Around each house will be a small lawn, but much of the landscape will have native plants requiring less water. Sprinklers are buried and automatic. Throughout, runoff water will be channeled or piped to on-site swales

for percolation into the ground, avoiding expensive storm drain systems. This benefits the environment. New sewer, power and water services were installed; none of the former utility systems were used.

Reneau Court homes are heated and cooled by ground source heat pumps, fed by small liquid-filled pipes extending more than 200 feet below

Roofers atop one of the energy efficient two-story company-grade (captain or below) duplexes in the Reneau Court. Five homes will house two separate families. The three-bedroom homes are 1,904 square feet, the four-bedrooms are 2,134 square feet.



Photo by Al Vogel



Photo by Al Vogel



With a focus on energy design, solar tubes were incorporated into closets, bathrooms and stairwells as an innovative and sustainable way to bring daylight into a dark areas where natural light has rarely been an option. The daylight system uses advanced optics, including the bubbled cap to significantly concentrate sunlight where it is needed.

Photo by Al Vogel

the house where they pick up the temperature around them. The only electricity required is for the water pump and fan that distribute the cool or warm air around the house.

Dark areas in the house are illuminated with solar tubes, sealed 10-inch diameter tubular skylights in the roof that channel sunlight into the house, eliminating electric lights during the day. All of the garages hold two cars, and have automatic venting that activates when the safe level of carbon monoxide is exceeded. To promote a sense of community, houses are within two culs-de-sac, and there is a 24X24-foot covered pavilion where a number of meandering, common area sidewalks meet.

Energy efficiency and aesthetics blend at Reneau Court to give current or future home owners ideas for their own homes. There are many subtleties of design and efficiency that, unless pointed out, might be overlooked. Visit the open house June 28, or July 5, 12 or 19, from 8 a.m. to 1 p.m.

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7 teens hurt

Four Dugwayites give inspired aid at crash

Story and photo by Al Vogel
Public Affairs Specialist

The following was related by four Dugway residents who helped at the scene of an SUV crash Feb. 18, in which seven teens were injured. The accident was confirmed by the State Bureau of Investigation but the accident report was unavailable during the investigation. As of June 14, the Tooele County Attorney Office has assumed the case. Some juveniles and one adult are charged. The Attorney's Office declined to provide details.

Four Dugway residents believe that they were divinely guided to help seven teens injured Feb. 18 when their small SUV veered off the highway south of Stockton and rolled. Their experience only recently became known because they have avoided publicity.

While official reports are unavailable, the four Dugwayites related the following: 1st Lt. Robert Herrin, his wife Barbara, Gerry Wood, and wife Melissa left the children at Dugway for a couples' shopping day in Tooele. After dinner at Penny's café on state Route 36, about 10 miles south of Tooele, the couples left at 4 p.m.

An officer with Alpha Battery, 3rd Air Defense Artillery battalion at Dugway for the JLENS test, Lt. Herrin credits his Army training with giving him the knowledge, confidence and composure to be effective.

"Because I'm in the Army, because I have Combat Life Support training, I was able to help," he said.

Barbara Herrin, a homemaker, is a Certified Nursing Aide who once worked for an ambulance company. She drew upon her training and experience.

Gerry Wood, an electronics technician for JT3, is a contractor for the Air Force's 388th Range Squadron on Dugway. He has had first aid courses at work and is an Eagle Scout. His wife, Melissa, has no formal medical training but as a mother is accustomed to sudden stressors.

All members of the Dugway congregation, they have no doubt that God assembled and directed

them to help the teens.

They were minutes away from seven teens in a small, white Mitsubishi Outlander SUV. A mile north of Penny's, it went off the road and rolled multiple times, coming to rest on its side against a barbed wire fence. Passing motorists stopped and rolled the vehicle off one boy, Justin, just as the Herrins' SUV approached. The Herrins and Woods felt compelled to help.

After pushing the SUV off Justin, the growing crowd seemed uncertain what to do next, Lt. Herrin said. An unidentified nurse was already there, assessing injuries. No emergency services had yet arrived.

The nurse was assessing another boy, Marcus. Thrown 40 feet from the vehicle, he was regaining consciousness. Four girls with minor injuries stood nearby, watching the nurse. Barbara calmed the four girls, got them to sit.



Two Dugway couples who were instrumental in helping seven teens at a Feb. 18 vehicle rollover south of Stockton. Left to right: Melissa and Gerry Wood, and Barbara Herrin and 1st Lt. Robert Herrin of A Battery, 3rd Air Defense Artillery. The crash remains under investigation by the State Bureau of Investigation.

Other volunteers assisted the four girls. Barbara attended to Marcus, while the nurse assessed Julian.

Unable to pass, traffic stopped in both directions. Melissa moved the Herrins' vehicle to Penny's parking lot, so medical helicopters could land on the highway. She told drivers to sit tight, it'd be a while. Melissa later recalled that some drivers were angry at the delay, even after knowing that lives were imperiled.

Lt. Herrin knew that accounting for everyone in the Mitsubishi was crucial. Repeatedly, he asked the mumbling crowd how many were in the vehicle. Their answers were hesitant, unsure. The four girls looked around, took count, and suddenly exclaimed, "Where's Rachael?" Six teens tallied. Where was the seventh, Rachael?

Gerry and 1st Lt. Herrin climbed over the barbed wire fence to search for Rachael in the waist-high sagebrush. 1st Lt. Herrin found her about 60 feet from the vehicle -- unconscious, breathing laboriously and seizing. The nurse yelled to the two men not to move Rachael. Satisfied that she could leave Justin momentarily, the nurse evaluated Rachel, determining that she was badly injured. The nurse instructed 1st Lt. Herrin to keep talking to Rachael, then returned to aid Justin.

"I had a few people look at me like I was crazy, because I was praying out loud," Lt. Herrin later said.

Throughout those first few minutes, status reports were frequently yelled and relayed to Barbara, near the highway. Rush Valley Volunteer Fire was first to arrive, followed by Utah Highway Patrol. Barbara briefed them.

The growing crowd's noise hindered communication and blocked the view. Taking charge, 1st Lt. Herrin shouted at the crowd, "If you're not helping, go back to your vehicles!" The crowd dissipated; interference lessened.

1st Lt. Herrin and Gerry realized that the fence was an obstacle to extricating Rachael. Gerry borrowed bolt cutters from Rush Valley firefighters and, with difficulty, cut a wide hole for an ambulance to reach her.

An EMS vehicle arrived. Directed by Barbara, it headed for the fence hole and Rachael beyond. 1st Lt. Herrin assisted the medical crews as they cleared Rachael's airway and prepared her for transport. Barbara monitored Marcus and continued to direct emergency crews. Melissa stayed at Penny's, praying for the victims and helping wash blood off the hands of shaken passersby who had helped in the first, critical minutes.

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AUSA Dugway tour

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Members were also given the chance to operate a rugged small, tracked, man-portable TALON robot designed for missions that include bomb disposal, reconnaissance and weapons delivery in combat.

Known for their ability to maneuver in an upright position in difficult terrain, the Talon robots lowered out of helicopters, dropped them from moving vehicles and launched offshore to reach an underwater target. The advanced models have four integrated sensors to check for chemical warfare agents, agents of biological origin, radiation, and irritants (such as pepper spray or Mace) making them useful in chemical or biological testing.

“Amazing and fun,” said retired Sgt. Major Calvin Phillips, as he pushed back his cowboy hat, making it easier to move the controls on the Toughbook that controls the robot. Later he laughed out loud as he maneuvered the robot to take a water bottle from another member’s hand. The highlight of the tour, however, was clearly the S100 UAS helicopter as it flew over the training facility.

“This absolutely incredible.” said retired Lt. Col. Isabelle Slifer, the AUSA assistant director of Army Reserve Affairs Regional Activities. “We were hoping we would be able to see one of the unmanned aircraft fly, but because of the wind, we didn’t think it would be possible.



Lance McEntire, acting chief, Special Programs Division, discusses the Land Warfare Program that provides operational threat scenarios for unconventional forces to practice and refine their tactics, techniques and procedures.

“I have a son who has been deployed, Slifer said. “If every military mother could see what we have seen today, they would sleep easy knowing there are capabilities like this that help protect their sons and daughters.”

“This has been fantastic access!” said retired Col. Dave Booze, 7th Region president, as

members prepared to board their bus to Salt Lake City. “This has a really been an insider’s view of what Dugway does best. We appreciate every effort taken to make this trip possible. For me, personally, I am energized by what I have seen today.”



Jeffery Montague, a microbiologist with the Regulatory Science and Innovation Branch of the Life Sciences Division, discusses bio sampling, packaging, and transport with members of The Association of the United States Army during their April 23 tour.



The Stryker M1135 Nuclear, Biological Chemical Reconnaissance Vehicle has the capability to detect and collect chemical and biological contamination in its immediate environment on the move through point detection and at a distance through the use of a stand-off detector. It automatically integrates contamination information from detectors with input from on-board navigation and meteorological systems and automatically transmits digital nuclear, biological and chemical warning messages through the Maneuver Control System to warn follow-on forces.

McGruff visit: Anything but gruff

Story and photos by Bonnie A. Robinson
Public Affairs Specialist

At more than six feet tall, the big, brown furry dog dressed in a rumpled trench coat can be a bit intimidating to tiny 4 and 5-year-olds. But, it didn't take long before squeals of delight were heard as McGruff, the Crime Dog, made a surprise visit, on April 3, to the Child Development Center as part of the Month of the Military Child.

McGruff, the mascot of the National Crime Prevention Council, is also an impressive good will ambassador for the Dugway Police Department.

"It's really cool to visit with McGruff," said Police Officer Noah Uttech, of the Dugway Police Department, with a huge grin, as children crowded around. "Even if he doesn't say a word, he is fantastic at building positive relationships between the kids and police officers."

It was clear by the smiles on their faces it had been a positive experience for the children as they lined up for a crime kit with a silver badge, coloring pages and a handshake or a hug from McGruff.

"With older children we talk a lot about the different ways to be safe, like internet safety and stranger danger. But, it's harder with these little guys," said Kevin Blow, a police dispatcher assisting with the visit. "It's good to know we can connect. We want them to know that if they need us, we will be there to help."

"We all appreciate the police department's continuing support," said Ann Boegler, director of the Child Development Center. "Their visits are a terrific way to build confidence and trust for our youngest community members."

"I like him, he's nice," said one little girl as she



McGruff the Crime Dog gives hugs to children at the Dugway Child Development Center April 3. The visit was arranged by the Dugway Police Department as part of the Month of the Military Child celebration.

wistfully watched McGruff open the door to the hallway. "I wish he could just stay here," she said with a sigh, before turning to crawl along the floor with the other kids as they pretended to be the crime dog.

It turns out, that as far as these little fans were concerned, McGruff, known for his tough tag-line: "Take a bite out of crime!" does not bite kids and is anything but gruff.

Inspired

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EMTs were busy evaluating the four girls with minor injuries.

Near the Mitsubishi, a paramedic started an IV in Justin's right arm; the nurse held the saline bag aloft. Justin began thrashing, he was having difficulty breathing.

Gerry and the nurse held Justin still while a paramedic started an airway up the boy's nostril to the back of his throat. The other paramedic cleared his airway with a suction machine. Able to breathe better, Justin settled.

Two helicopters landed in sequence. Rachael was secured to a backboard and flown to a hospital, Marcus went in another. In an

ambulance, Justin had a tube inserted into his airway to help him breathe, then was transported by helicopter. The four girls were secured to backboards and taken by ambulance.

The scene quieted, as the Utah Highway Patrol methodically took measurements and notes. Gerry checked his phone. A text from Melissa: *I'm at Penny's, praying.* 1st Lt. Herrin and Barbara walked back to Penny's Café, beside the long line of waiting cars.

Some drivers called out, "How much longer?" as they walked. The farther the Herrins and Gerry got from the crash site, the more irritated the drivers seemed. Disgusted, the three were near retorting when a woman asked if they were okay. Her concern restored them, dissipating the anger they felt toward the callous drivers.

Just 90 minutes before, the two couples had left

Penny's anticipating an evening of shopping. Now they returned to the café, changed, to pray for the seven teens and their families. Having no heart for shopping, they returned to Dugway.

The Woods have girls 11 and 2, and a son, 5. The Herrins have two daughters, 16, and 11; and a four-year-old son at Dugway. A daughter, 18, attends college in Connecticut. Arriving home, each parent hugged their kids, cried and prayed, realizing that lives are not only precious, but ever so fragile.

The seven teens survived the crash; six were discharged from the hospital. Rachael may be discharged by now.

The Woods and Herrins believe that a divine hand guided them to the crash scene.

"I honestly think that God put us there to help those kids," 1st Lt. Herrin said.

Streamlining the workplace process

Story and photos by Al Vogel
Public Affairs Specialist

In Greek mythology, the gods assigned Hercules 12 nearly impossible tasks. Thinking outside the *amphora*, the mythical strongman used his wits and creativity to complete them. If there had been a Continuous Process Improvement (CPI) program in Hercules' day, he would have worked on a team to solve the problem, and saved much time and effort.

Here at Dugway, there is a CPI program to aid workplace efficiency. Continuous Process Improvement teams recently identified and streamlined two processes: getting document approval from a number of reviewers, and ordering chemical agent for defense testing.

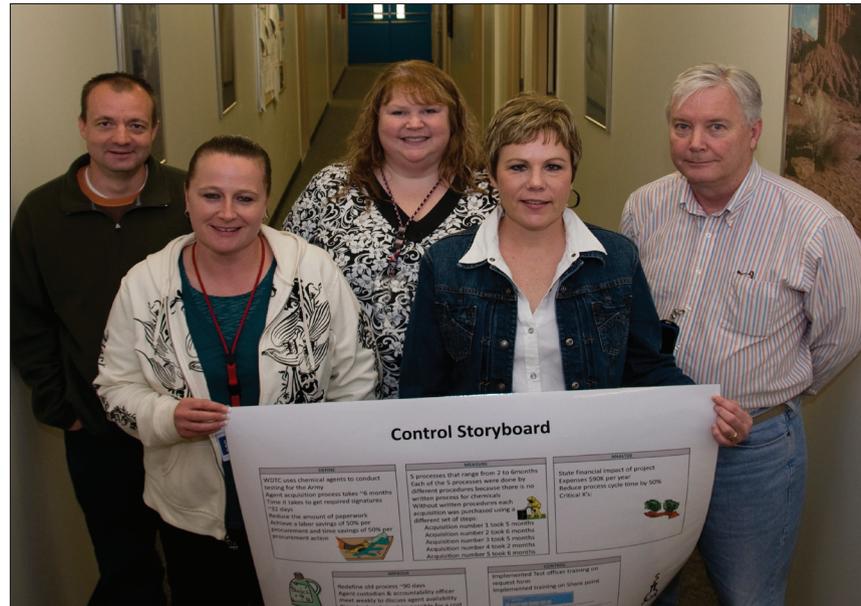
Suggesting that CPI examine a problem in your office is not a Herculean task. Fill out the TMSS electronic suggestion box at <https://tmss.wdte.army.mil/pages/default.aspx>. The suggestion will be reviewed and addressed, as time and resources permit.

Cal Rowe of the Manpower Office suggested that document staffing – a process requiring some documents to be reviewed and approved with signature – be improved.

Leslie Larson led the CPI team that tackled document staffing. On her team were Annette Wilcox, Linda Jorgensen, Bill Kelly, Bill Davis, Rob Davis, Audrey Elton, Michael Ford, Sarah Austin and Stephen Minor.

It took an average of 19 days for one document to make the rounds through five offices. "I think the most we had was 23 signatures on one document," Larson said.

After reviewing the problem, the team eliminated several offices from the final review process. Test plans and reports were pared to just three approving signers. It was decided that, in many instances administrative assistants, branch chiefs and others could review during the earlier Peer Review, to correct mistakes and ensure accuracy. Eventually, the documents themselves



The process to acquire chemical agent for defense testing was made more efficient by this Continuous Process Improvement team. Left to right, front: April Harding and Sherri Rydalch (team leader). Rear: Donald Simmons, Nevon Bake and Mike Ford. Not pictured: Ben Hunt, Travis Losser and John Williamson.

will become entirely electronic.

The improvement is dramatic: From 23 signatures down to three, and days spent in review reduced from 19 to four, Larson said.

Larson, who applied for CPI green belt certification from this project, said that "belts" are required to spend 25 percent of their work time on a project, and team members 10 percent. They also meet regularly, to measure their progress.

Acquiring chemical agent for defense testing was another Herculean task. Sherri Rydalch led the team who improved the process. She later applied for green belt status, because of the team's success.

"There wasn't a standard method, as far as how the paperwork flowed, so therefore it created a lot of bureaucracy and unnecessary waiting," Rydalch said. Her team was April Harding, Donald Simmons, Nevon Bake, Mike Ford, Ben Hunt, Travis Losser and John Williamson.

There was no Standard Operating Procedure, Smart Sheet or similar guides to instruct new test officers how to obtain chemical agent for testing. The process was slow and confusing.

The team's solution: an easily navigated electronic request form. Guides specific to

Dugway were also created for all personnel involved in acquiring chemical agent, which is ordered two or three times a year.

Part of the streamlining process included creating a small repository of chemical agent, so test officers can obtain agent within a few days instead of waiting weeks for the order to be processed by an outside facility. The goal is to have the agent available when needed.

Consequently, chemical defense testing becomes more efficient. Test data, from which critical decisions are made, are obtained sooner. It may seem academic, but such tests determine whether a gas mask protects its wearer from VX (nerve gas) or a detector sounds the alarm when a speck of HD (mustard gas) drifts by.

Grant Price is the coordinator for Dugway's CPI program. Minor, Ford and he oversee the teams, which use the DMAIC method to identify and solve the problem:

Define: What's broken? **Measure:** How broken is it? **Analyze:** Why is it broken? **Improve:** How do you fix it? **Control:** Once you fix it, how do you keep it from breaking again?

Some problems are approached with the acronym JDI (Just Do It) because the solution is apparent and easily solved. These don't require a full DMAIC.

Price praises CPI because he's worked with it for some years and seen how its systematic approach keeps team members focused on solving problems, using data rather than speculation or gut feeling.

"The method is a great tool to help you find the root causes of problems, and find solutions to those problems," he said.

It took Hercules 12 years to complete the 12 nearly impossible tasks assigned him. If he'd been able to join a CPI team, he might have completed them much sooner.

Efficiency is ageless.

The Continuous Process Improvement team that made document staffing more efficient: Left to right, front: Annette Wilcox, Leslie Larson (team leader), Linda Jorgensen and Stephen Minor. Rear: Rob Davis, Audrey Elton, Michael Ford, Sarah Austin and Bill Kelly.



Month of the Military Child

★IT'S ALL ABOUT MILITARY KIDS★

Story and photos by Bonnie A. Robinson
Public Affairs Specialist

The Child Development Center honored more than 75 military children during its annual Ice Cream Social celebrating the Month of the Military Child, on April 20, at the Community Center.

“Wow!” Ann Boegler, the CDC director, exclaimed as she looked around the large room filled with military families. “Last year we had about 30 military kids, this year we have more than 90. We are thrilled to have everyone here!”

The event began with the CDC’s 4 to 5 five year-old class, who were asked to recite the Pledge of Allegiance. After elbowing one another, they lined up, placed their hands over their hearts and softly repeated the familiar words: I pledge allegiance to the flag... After they finished, to the complete delight of the audience, their accomplishment was so exciting they jumped and spun in circles, then hugged one another.

“This month is a perfect time to recognize these young heroes,” said Audy Snodgrass, the Dugway garrison manager. “For any kid, it’s difficult to move and make new friends, but for military kids, it can be extremely complicated if a parent is deployed. We appreciate the contributions and sacrifices they make in support of their parents.”

Military mothers were honored. Called to the front of the room, a glittery red, white, and blue star was placed around their necks by Alpha Battery 3rd Air Defense Artillery Soldiers.

Certificates of appreciation and a package of goodies wrapped in blue cellophane were placed on the tables for each child. Ice cream sundaes were served as a final treat. Seven three-gallon containers of ice cream, six cans of whipped cream, two bottles each of chocolate, strawberry and caramel toppings and various candy sprinkles were used to make the sundaes.

Sounds of appreciation could be heard throughout the room as spoons were licked and the ice cream-mustachioed faces of military children smiled with contentment.

See more photos of this event at Dugway’s Facebook page.
www.facebook.com/USArmyDPG



Get ready, set go! Race promotes healthy lifestyle



Runners at the May 24 Memorial Day five-kilometer (3.1 mile) race. The event was sponsored by A Battery, 3rd Air Defense Artillery. 42-year-old Eric Vokt of Tooele was first to cross the finish line at 17 minutes, 15 seconds. He is chief of contracts for Mission Installation Contracting Command. Katie Nielsen, 17, was just behind him. She holds numerous cross-country awards and is the Utah Cross-Country 1A Champion and 800-meter state champion. A Dugway High School graduate, she'll attend University of Utah on a music scholarship for clarinet.

Photo by Al Vogel

Soldiers, students and employees plant Earth Day trees

Story and photo by **Bonnie A. Robinson**
Public Affairs Specialist

Soldiers from Alpha 3, Air Defense Artillery joined forces with students from Dugway High School and the garrison Environmental Programs Office, on April 23, to celebrate Earth Day by planting more than 20 trees, obtaining a Tree City USA designation for the post.

To qualify as a Tree City USA community, a town or city must meet four standards established by The Arbor Day Foundation and the National Association of State Foresters. The standards include establishing a tree board to manage the community's trees, designating a tree care ordinance, creating a community forestry program, and establishing an annual Arbor Day observance.

Jessica Delph, a botanist with Environmental Programs Office (EPO), had already been working on this project and was appointed the Earth Day coordinator. Delph and Robbie Knight, EPO's wildlife specialist, spearheaded the Earth Day planting event. Together, earlier that morning, they spoke at Dugway High School's Earth Day assembly.

"We want students to be excited about caring for the environment and this is an easy way to

get them involved. We really appreciate their willingness to pitch in and help us plant these trees," Delph said, as she handed each student a pair of gloves and a shovel. "Planting trees is part of a larger Army-wide effort called Net Zero that is working toward using natural resources without harming the ecological balance on an installation."

Garrison Manager Audy Snodgrass lobbed the first shovelful of dirt and the students and Soldiers were quick to follow his example.

Three Ivory Silk Lilac trees were planted on the east lawn of the Headquarters Building and six ash trees were placed along the south lawn, across from the golf course. Later, maple trees chosen for the Post Chapel area and poplars for Shocklee Fitness Center were planted by the C. Martin team. Additional trees will be planted adjacent to the school's baseball fields.

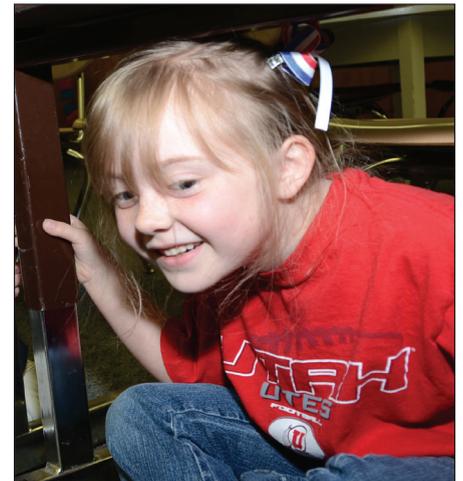
"I remember doing this kind of thing as a kid," said Staff Sgt. Jayson Price, as he helped plant one of the lilac trees. "This is a terrific way to mark Earth Day."

Spc. Nicholas Sprague waters the lilac tree as Evan Grasser, Kanyen Kesster and Katrina Fausett shovel dirt as part of the April 23 Earth Day tree planting event.



Great Utah Shakeout

Shake, Rattle and Roll means students Drop, Cover and Hold



Students at Dugway Elementary School duck under their desks and hold tight to the legs April 17 during the Great Utah Shakeout earthquake drill. Left to right are second-grade students: Kalani Quinn, Christopher Davis, Jordan Anderton, Chyanne Gibson and Jaden Green.

Story and photos by Bonnie A. Robinson Public Affairs Specialist

Dugway Elementary Students scrambled under their school desks and held tight to the legs during the Great Utah Shakeout earthquake drill, held on April 17, to practice keeping the tables from moving or tipping in the event of a real earthquake.

The 7.5-magnitude mock earthquake was part of the Great Utah Shakeout, the largest drill ever held in the state. At Shakeout.org, Utah officials posted that across the state, more than 940,000

people including almost 600,000 other students at 450 schools participated in the drill.

So how did Dugway students do?

“Moms and Dads will be happy to know they did a terrific job,” said Principal Nancy Poulson proudly. “Our students know that they need to duck quickly under their desks to protect their head and spine.”

Once the all-clear was sounded students promptly filed out of their classrooms and assembled in the school’s multi-purpose room, where teachers counted their pupils. When the entire class was accounted for, a teacher would

hold up a green card, signaling that everyone was safe. But, if a teacher held up a red card, an immediate search would ensue for the missing child.

“Our kids take these drills pretty seriously,” Poulson said. “Before the drill a little girl locked all the girl’s bathroom doors and crawled underneath to get out of each stall. She said she wanted to keep them from swinging during the earthquake,” she added with a smile.

Overall, the kids said they like pretend earthquakes, and had fun practicing their drop, cover and hold skills.

Grant for school equipment feels like Christmas

Story by Bonnie A. Robinson Public Affairs Specialist

“Do you want to see something really, really special?” whispered Nancy Poulson, Dugway Elementary School principal.

“I sure do,” I said.

“Then follow me,” she replied.

I followed Poulson down the school’s main hallway, around the corner to a doorway of an unused classroom, where she unlocked the door.

Inside the nearly empty room were several large cardboard crates. None were opened.

“Want to know what’s inside?” she asked.

“Well, yeah,” I responded aiming my camera at the boxes in anticipation.



Photo by Bonnie A. Robinson

Dugway Elementary School Principal Nancy Poulson shows off new school playground equipment.

“Inside is \$7,000 of brand new gym equipment for our students,” she said widening her eyes for

emphasis. “It’s like Christmas!”

“This means that we can turn this room into an exercise room for our students, something we have only dreamed about doing. By next year we will be able to outfit this room with several computers loaded with child-friendly exercise programs, stock our gym with all kind of sports equipment and place several tether balls on our playground,” Poulson said. I swear she said this all in one breath

It turns out the gym equipment was provided by a grant given to the Tooele School District, she said.

For a very small elementary school, in a very remote place, this is indeed— a really BIG deal!

So kids, next year you’re all going to be more physically fit and have a lot of fun. I’m pretty sure you can get your principal involved.



Summer Band offered at DHS

Come be part of a 24-time state champion band at Dugway High School summer band program. The band program gives students 5th to 12th grade the chance to learn a new instrument or improve their skills on an instrument they already play.

The program began June 4 and continues through July 19. Summer Band is Monday through Thursday. Cost is \$25 and is required as district tuition. Registration is on the first day, from 10 a.m. to 2 p.m.

Details call DHS at 831-4566.

Hometown Cheers

Jody Barrett

Dugway recently ordered a new large marketing display booth that arrived in two very large crates. After scouring Ditto for a place to store the crates, Jody Barrett came up with a simple solution and put the pieces in play to make sure the space would be available to us. It was a great relief to Jean Baker and me, and it cleared space in the receiving warehouse. Jody was eager to help and quick to respond. She personifies the ideals of Team Dugway.

Aaron Lovell
Marketing Specialist
Dugway Data Services Team

Al Vogel

I want to give a hometown cheers to Al Vogel. Al was incredibly helpful in getting photos released for a customer after a late night trial execution. He was willing to work way outside of regular duty hours and allowed us to meet an important customer deadline. On behalf of the Distinct Raptor test team, thank you!

David Blanchard
Chemist, Special Programs Division

Michael Robinson

Michael Robinson has done a great job on the scholarship committee for the Baseball players to be able to play this year. The scholarship helps the parents out.

Michelle Williams
Secretary, Dugway Elementary Colts

Thank you to Michael Robinson for his volunteer time processing Dugway baseball applications. The kids love playing on the team and it is so great to have people take valuable time to help them.

Jessica Delph
Botanist, General Dynamics
Information Technology

Melissa Johnson

I would like to submit the name of Melissa Johnson for her great teamwork and her willingness to step up and take on additional duties when they are short-handed at the library. Well done Melissa. Your efforts are much appreciated.

Dennis Nichols
Community Recreation Chief

Do you know someone doing a great job? Cheer their good works in The Dispatch

The Grand America Hotel chosen for DPG 70th Year Ball



Courtesy photo

Attending the Dugway 70th Birthday Ball reflects on the many men and women who have served over the years in defense of America's liberty. As Army professionals we should understand what that means.

A ball is an integral part of the Army's tradition and pageantry for the commemoration of an important event or place. Every Soldier and Department of Defense civilian should attend at least once to experience that ritual.

The 70th Birthday Ball will be Sept. 14 at the Grand America Hotel in Salt Lake City. Tickets will be \$50 per person.

Details will follow in The Dispatch, Dugway's Facebook page, or Protocol Office.

Thumbs up! Dugway Soldiers race in Tooele Memorial Day event



Photos by Al Vogel

Two Dugway Proving Ground Soldiers were invited to compete informally May 25 in go-cart races at Miller Motorsports Park in Tooele during the Memorial Day weekend. Pfc. Juan Lopez (left) and Sgt. Darnell Williams, both of Alpha Battery, 3rd ADA were each on a four-man team. Other team members were a member of the media, a fan and a racer in the World Superbike Championship May 26-28. Fourteen nations are participating in the championship, which ends Oct. 7 in France. This was the only race in North America.

LEEDing the way

Continued from page 4



Photo by Al Vogel

Capt. Michael Beck, project engineer for the U.S. Army Corps of Engineers, explains the ground source heat pump, the black object behind him. Small, liquid-filled pipes extend more than 200 feet below ground, pick up heat in the winter and cool in the summer, and bring it to the surface. Air heated or cooled by the pipes is distributed throughout the house. The only electricity used is for the water pump and fan.



Photo by Bonnie A. Robinson

Terry Powell of Farr West Utah Home Builders muds a bedroom wall in a new Reneau Court home.



Photo by Al Vogel

Inside the Commander's Quarters will be a large kitchen counter bar to seat eight next to an informal dining area. The great room also features a large gas fireplace and French doors that open to the portico, and windows that overlook English Village.



Photo by Bonnie A. Robinson



Photo by Al Vogel

Rodney Street of Street Siding in Salem, Utah was one of many local contractors the U.S. Army Corps of Engineers hired to ensure that the homes meet the LEED Gold standard for energy efficiency.



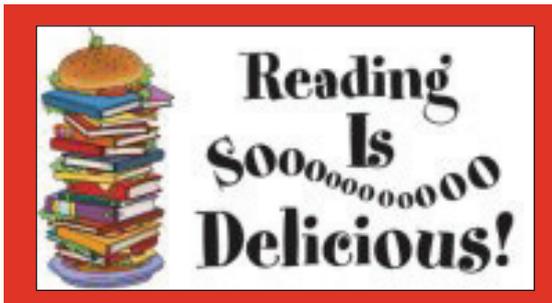
Photo by Al Vogel

The new Sergeant Major Quarters on the east side of Colonel's Hill is a 2,339 square foot, four-bedroom house. One of the LEED requirements was to leave as many existing trees as possible, not only for a pleasing landscape but to provide shade that protects the environment.

Community Notes

Building a great community together

Summer Reading



Keep your kids' reading skills up during the Summer at the Dugway Post Library. The library's Summer Reading program begins Monday, June 18 at noon and continues through Wednesday, Aug. 8.

This year's theme is "Reading is Soooooo Delicious!"

Registration begins June 1, although children can register throughout the summer. Register online at: <http://mylibraryus.fmwr.net/search-s12> or in person at the Community Center.

For more information contact Melissa Johnson (435) 831-2178.

Free Family Bowling



Free bowling and shoe rental every last Saturday of the month from 5 to 10 p.m. For information call (435) 831-2626.

2012 Soldier Show

★ **Save the Date**

Get ready for a 90-minute stage show highlighting the emotional, mental, physical, spiritual and family pillars of military life in the 2012 Army Strong Soldier Show Friday, July 20 at 7:30 p.m. at the Tooele High School auditorium. Details call (435) 831-2030.

Independence Day

Dugway residents unite for an old fashioned Independence Day celebration Tuesday, July 3 from 4 until 10 p.m. Great food, beverages, Jump 'n' Joeys, games, fireworks and a hometown parade. Who could ask for anything more? How about live classic rock'n' roll performed by The Coverdogs!

For more vendor opportunities or additional information call (435) 831-2093



Motorcycle Safety Class

Dugway Proving Ground Safety Office will conduct a motorcycle safety class, Basic Rider Course (BRC) on June 20 and 21. This class will be at the DPTMS conference room Bldg. 5444 and at the motorcycle range at the Law Enforcement Building 5240. Classes are 8 a.m. to 4 p.m. each day.

There will be an Experienced Rider Course June 14 at the motorcycle range at the Law Enforcement Building 5240.



Personal equipment required for the classes: a helmet certified to meet DOT Federal Motor Vehicle Safety Standards, shatterproof eye protection such as goggles, wraparound glasses, or a full-face shield that can be properly attached to the helmet. All must be designed to meet or exceed impact.

Foot protection includes sturdy over-the-ankle footwear that affords protection for the feet and ankle, such as durable leather or ballistic-type cloth athletic shoes. Shoes must cover the ankle.

Protective clothing includes a long-sleeve shirt or jacket, long trousers and full-finger gloves of leather or other abrasion-resistant material.

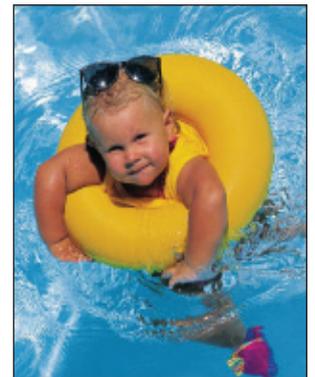
For details or additional information on upcoming classes call Dan Tanner at the Safety Office, (435) 831-5319 or (435) 849-1233.

Summer Pool Hours

SPLASH INTO SUMMER!

Regular pool hours Monday through Thursday, open from noon to 7:50 p.m. Saturdays, Sundays and holidays noon to 6:50 p.m.

Need to know more? Call 831-2318.



FMWR Summer Hikes

Join FMWR for some summer hiking!

Hikes are June 30 through September 29.



- 20 June: **LAKE BLANCHE** (5.6 miles, moderate/intermediate)
- 21 July: **DESERET PEAK SUMMIT** (7 miles, intermediate)
- 11 August: **TIMPANOGOS CAVE** (2.5 miles, intermediate)
- 25 August: **RED PINE LAKE** (7 miles, intermediate)
- 29 September: **MT. TIMPANOGOS** (17 miles, strenuous)

\$6 per person. Bring your own food and water. Details call 831-2318 or 2705

World Folkfest

Join us for the Springville World Folkfest Tuesday, July 31 from 4 to 11 p.m. to add color and excitement to your summer with traditional folk dance and music from around the world. Folk dancers and musicians travel from countries around the world to attend the Springville Folkfest, which has grown to become one of the largest festivals of folk dance and music in the United States featuring 250 performers.

Cost for this event is \$10 (Adults 13 & up) \$8 (Ages 3 to 12) Includes show and transportation. To sign up call (435) 831-2318.

