



THE DISPATCH

U.S. ARMY DUGWAY PROVING GROUND



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INSIDE YOUR DISPATCH

SMALL BIZ OUTREACH



Small business owners learn more about doing business with Dugway. Page 1&2.

COMMAND PERSPECTIVE



Our diverse talents and cultures makes us stronger and prouder. Page 1.

GUNNERS AT DUGWAY



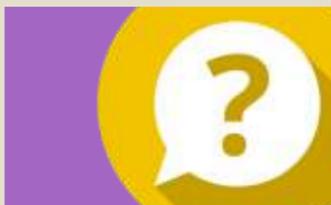
Royal Air Force Regiment Gunnery receive advanced chemical and biological training. Page 3.

DUGWAY FAME



A few who have achieved fame or distinction with surprising Dugway ties. Page 4.

1Q4A



Special Women's History Month edition. Page 5.

AND MUCH MORE

DUGWAY MICC HOSTS UTAH SMALL BIZ OUTREACH

By Bonnie A. Robinson
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Officials of the Dugway Mission and Installation Contracting Command hosted a free vendor event Feb. 23 at U.S. Army Dugway Proving Ground's Community Club to provide information on

contracting opportunities for small businesses with the Army Test and Evaluation Command, Installation Management Command and other Dugway organizations. "This is the kind of event that offers an opportunity for small business owners to gain



About 60 small business owners attended the Mission and Installation Contracting Command outreach vendor fair Feb. 17, at U.S. Army Dugway Proving Ground, Utah. The Special Programs Division, the Chemical Test Facility and the Directorate of Emergency Service, Public Works and the Logistic Readiness Center along with eight other organizations came to discuss possible contracting opportunities at Dugway. Photo by Bonnie A. Robinson, Dugway Public Affairs



Jean Baker, a project manager with the Command Initiative Group at West Desert Test Center talks with Wade Waits, a small business owner during the Mission and Installation Contracting Command outreach vendor fair, Feb. 17 at the Dugway Community Club. It was a "unique opportunity to talk directly with the experts," Waits said. Photo by Bonnie A. Robinson, Dugway Public Affairs

exposure to the test center, expand their prospects for future solicitations and network with other small businesses," said Jim Keetch, MICC-Dugway director, whose

office organized and hosted the event.

The majority of vendors – more than 60 individuals –

◆ Small Biz Outreach. Page 2

COMMAND PERSPECTIVE

By COL Sean G. Kirschner
Commander, U.S. Army Dugway Proving Ground

Diversity of Talents

Greetings! I hope you all are as excited as I am to be getting this early taste of spring we've been having lately. As I sit here contemplating the fast approaching throes of summer, I am also reminiscing on a few amazing feats of heroism, diversity, skill, and professionalism that I was able to witness this past winter in a few of our teammates. Allow me to tell you their stories.

Mr. Sipex Sun, an engineer in our Test Support Division, was recognized as a winner of the 2017 Asian American Engineer of the Year Award. And to be clear, this was not a DOD award...this was a nation-wide recognition. I had the great honor to accompany Mr. Sun to Seattle where he received this honor to fanfare that rivaled the Oscars ceremony. His story is one of bravery, sacrifice, dedication, and commitment to his Family and his new country after

surviving the despotic Khmer Rouge regime in Cambodia as a child. The work he does for the Test Center has a direct impact on Soldier readiness as he solves wicked problems and develops/designs test fixtures for some of our most complex and unique requirements.

Dr. Brian Bennett, Chief of the Biological Test Branch, is a piano virtuoso in his free time. And I'm not talking about your average run-of-the-mill musician. He can often be found playing in the most prestigious performance and jazz venues along the Wasatch Front to include the Gallivan Center and The Acoustic Space. Kristi and I were fortunate enough to get to see him in concert in January at The Grand Theater in Salt Lake City where we were absolutely amazed at his performance. Given the scope, time requirements, and importance of his daily duties

as the leader of BTB, his ability to balance this other talent of his is simply inspirational. I would encourage you to see him the next time he's playing.

Mr. Boyce Thompson is a security guard protecting national assets at the Test Center. His story is one of incredible bravery, competence, and selfless service. On 7 March, he saved a woman's life as he passed by her burning home in Taylorsville. Without hesitation, he pulled the woman out of the house and immediately began CPR. When he started, she was not breathing and did not have a pulse. He revived her three times before paramedics arrived to relieve him. At last report, the woman was recovering well. Suffice it to say that his actions that day represent the best of us and makes me very proud and humbled to serve alongside him.



I'm hoping these stories serve a few purposes. First, simply to keep you informed of some of the great things going on around you here at our small, but significant installation. Second, to show you how our diversity of talents and cultures makes us stronger and prouder as an organization. And finally, to inspire you to achieve more than you think you can and to be brave, bold, and courageous when that moment strikes and your skills and talents are needed the most. As always, very proud to serve with each of you.

EMPOWERING THE NATION'S DEFENDERS

SMALL BIZ OUTREACH...

Continued from Page 2.

were from Salt Lake City or various areas along the Wasatch Front from Ogden to Provo, Utah. Other vendors traveled from southern Utah and adjacent western states.

Col. Sean Kirschner, Dugway's commander, offered a welcome and thanked attendees for braving a blizzard-like storm that made "traveling the 90-plus miles southwest of the Wasatch Front and beyond more than a bit of a challenge," he said.

greet us. The video really grabbed my attention," he added.

Attendees appeared especially eager to make connections with representatives of the Chemical Test Facilities and the Special Programs Division.

Special Programs and the Test Management Branch showcased their abilities using videos and displays, which attracted a number of attendees. Many waited patiently in line to talk to

and exchange information," he said. "I have a better grasp of the type of products and services that would be required at Dugway."

Other attendees focused on meeting representatives from Installation Management Command's Directorate of Emergency Services, the Directorate of Public Works, the Metal Shop and the Family Morale, Welfare and Recreation offices.

Moises Cook, of Energy Efficiency Construction located in West Jordan, Utah said he was "pleased to speak with Dugway's Garrison offices" and it "felt like a good fit" for his specialized business.

Jim Krulic of SIEGE Enterprises, a service disabled veteran who drove from St. George, Utah expressed his appreciation that the venue offered a place to sit and exchange information with other trades and industries. "You never know where or when an opportunity will present itself," he said.

First time attendees were encouraged to register with FedBizOPs, the Federal government's internet information network on government contracts over \$25,000. By using this network, small businesses can search, monitor and retrieve material about contracts, products and services from the entire Federal Contracting community.

The event was also an opportunity for attendees to talk with a Small Business Specialist from the MICC Office of Small Business Programs like Angela Arwood (Gallegos).

Arwood was quick to suggest to several business owners that they should add contacts to past profitable performances to strengthen their capabilities statements. "Learning how to navigate the federal contract sites can be



Grant Salisbury of ANNIK Engineering of Draper, Utah shares a business flyer with Herb Davila, a project manager and test officer and Dr. Richard A. Phan of the Analytical Science Section at the chemical Test Division Feb. 17 at the Mission and Installation Contracting Command outreach vendor fair at the Community Club. Photo by Bonnie A. Robinson, Dugway Public Affairs



Small business owner James Holmes shares a business card with John Gomes, a test officer, and Damon Nicholson, a program manager both with Special Programs Division during the Mission and Installation Contracting Command outreach vendor fair, Feb. 17 at the Dugway Community Club. Holmes said it was interesting to learn about the kinds of services and products needed at Dugway. "I am glad I had this opportunity, it was very interesting," he said. Photo by Bonnie A. Robinson, Dugway Public Affairs Office

"We're glad you are safely here."

For most attendees, it was their first introduction to the proving ground. Kirschner showed Dugway's command video to explain its role as a Major Range and Test Facility Base. "We specialize in test and evaluation of chemical and biological defensive equipment to protect our warfighters and our nation," Kirschner said.

Attendee Emmett Joyner, a general contractor for a nationwide network of asphalt paving contractors, said he had "no idea of the size or scope of the testing here." "I appreciate that the commander took time to

Damon Nicholson, a program manager of Test Management Branch and John Gomes, test officer of Special Programs.

Nicholson said he was pleased with the event. "It helped identify potential vendors. We talked with people about services we might never have known about otherwise," he said.

Chase Naisbitt, a chemist with CP Industries of Salt Lake City, said he valued the time to ask questions of test officers who are familiar with working with contractors. "It can be difficult for small businesses, like me, to contact decision makers. This is a terrific opportunity to ask questions

daunting," Arwood said. "But an event like this allows businesses a behind the scenes chance to reach out and ask personal questions, something that might be more difficult online."

Arwood encouraged small businesses to explore teaming up on a contract when building a performance portfolio. "Working with other small or

outreach events each year, and called it a "beneficial partnership" for all parties. "We are here to help Utah businesses identify contracting prospects and offer technical assistance without a cost," Christensen said. "We want these businesses to grow and succeed. We appreciate all that Dugway has done in hosting this event."



Jared Hammer, Kimberly Klein, Suzanne and Brittany Kempt, from Tooele and Lake Point in Utah County, listen to opening remarks at the Mission and Installation Contracting Command- Dugway outreach vendor fair Feb. 17 at the community club at U.S. Army Dugway Proving Ground, Utah. The event offered an opportunity for small business owners to gain exposure to the test center and expand their prospects for future solicitations. Photo by Bonnie A. Robinson, Dugway Public Affairs

larger businesses, which are already performing government contracts, allows a smaller business to gain valuable insights, especially if they are new to the federal process," she added.

Keith Christensen, deputy director of Utah's Procurement Technical Assistance Center said they unite with Dugway's MICC for two small business

In 2016, Dugway MICC awarded \$30,883,847 in contracts to small business in professional, scientific and technological services, public administration, waste management, manufacturing, construction, and computer, office machines and other electronic equipment.



The library is currently short staffed
Starting Monday, March 20th
The New Hours of Operation will be:
Monday - Thursday: 9:00 AM to 7:00 PM
Friday - Sunday & Holidays: Closed



For more information, contact the library at 435-831-2179
www.dugway.armymwr.com

EMPLOYEE ASSISTANCE PROGRAM (EAP)



For an appointment call:
(435) 833-6172

English Village
Weds 0800-1100
Bldg. 5124, Rm #212
Phone: (435) 831-2338

Ditto
Weds 1300-1600
Bldg. 4542
Phone: (435) 831-5921

Civilian employees and their families, retirees, and military dependents may receive short-term counseling and referral for services. Problems may include but are not limited to: alcohol abuse and drug use, health related problems, marital emotional/behavioral/financial stress, job stress or other problems affecting employees or family members.

- EAP provides the following:**
- Privacy and confidentiality
 - Link to a network of providers
 - Short-term counseling
 - Management consultation
 - Supervisor and employee training
 - Educational seminars in the workplace

U.K. GUNNERS LEARN CHEM/BIO DEFENSE AT DUGWAY

By Al Vogel
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For more than 14 years, a contingent of United Kingdom Royal Air Force Gunners from 20 (Defence CBRN) Wing has eagerly traveled from the U.K. to the vast desert of northwestern Utah for some of the world's most advanced training in chemical and biological defense.

The 20 Wing's mission is to deliver specialist Counter-CBRN (Chemical, Biological, Radiological, Nuclear) Force Elements readiness, provide advice, and support its Ministry of Defence and other government departments, the U.K. mainland and overseas contingency operations.

At Dugway, the specially trained R.A.F. Regiment Gunners (the proper term for R.A.F. Regiment members) expand their counter-CBRN knowledge and skills considerably. "This is where they get a chance to build on their Tactics, Techniques and Procedures," said Wendell Williams, program manager with Dugway's Special Programs Division.

Training mirrors actual practice. A small team of Gunners in full protective gear

Together, they observe and critique the team as it conducts reconnaissance, exploitation, survey and sampling of a selected chemical or biological target. "It gives the senior sergeants a chance to run the scenario, refine and improve their TTPs, use their detection gear and get feedback from the Dugway SME," Williams said.

Thirty two Gunners of the 26 and 27 Squadrons of the 20 Wing of the R.A.F. Regiment attended the three weeks of lab and field training at Dugway. Of the 32, Flt. Lt. Laurence was the only officer. The equivalent of a U.S. captain, he oversees the unit. This is Laurence's first time to Dugway and the United States; he's impressed by both.

The training covers chemical warfare, chemical explosives, biological warfare and the materials used to create them. Authenticity of laboratory and field exercises, without creating hazards, is stressed. Each field training scenario has a target, a mock agent lab and other items to be recognized and sampled. Dugway SMEs use benign materials to activate their



Royal Air Force Regiment Gunners of the 26 and 27 Squadron of the 20 Wing RAF Regiment learn and practice chemical and biological defense skills March 7, 2017 at U.S. Army Dugway Proving Ground, Utah. Here, Gunners don protective equipment before entering a training building built to resemble a hotel. The scenario is to find, identify and sample from a mock biological lab in the building. Only simulated agent is used in the three-week course. Photo by Al Vogel, Dugway Public Affairs

the signatures left by CB production, and identifying syntheses used to make chemical warfare materials.

exercises requiring Gunners to employ their newly acquired CBRN skills to complete the missions in various environments.

Since 1916, countermeasures to chemical and biological warfare have been developed and taught to British military members at the U.K.'s Defence Science and Technology Laboratory at Porton Down – a major government facility.

Cpl. Richardson, a seven-year veteran of the unit, knows that standardization in teaching CB countermeasures is critical. He ensures that the processes mandated by Porton Down continue to be carried out, even at Dugway. "The training is superb," Richardson said. "The scientists are more than happy to explain at a level everyone can understand. A very good standard of teaching, hence that's why we come out here."

One aspect of the training hasn't changed through the years, Richardson noted: Gunners training here for the first time must work at the same level as experienced ones.

Cpl. Owen, a 13-year veteran of the R.A.F. who is making his first visit to Dugway and America, is certain he'll return to the U.K. with greater experience and knowledge. "It's nice to see a different perspective on things," he

said. "The training is really great. I've mostly enjoyed seeing the processes in the labs, seeing new things. It builds on the knowledge of what we already know. Takes you out of your comfort range; a new challenge."

Senior Aircraftman Herson, also his first time to Dugway, has been in the R.A.F. for nearly three years. "I like the scale and complexity of the scenarios, compared to those in the U.K.," he said, adding that he'll return to the U.K. with a greater understanding of different chemical and biological processes.

The opportunity to see a slice of America on a weekend wasn't lost on the Gunners. Some took in a Utah Jazz basketball game, watched an ice hockey game or snow skied. Wherever they went, Americans were intrigued and friendly.

Dugway Proving Ground, with its nearly 800,000 acres of land, can accommodate just about any training and testing scenario. Its world-class labs and outdoor facilities, where personnel are continually testing chemical and biological defenses, enhance training. "We just don't have the real estate like this in the U.K." Laurence said. "It's an outstanding opportunity."



Royal Air Force Regiment Gunners of the 26 and 27 Squadron of the 20 Wing RAF Regiment learn and practice chemical and biological defense skills March 7, 2017 at U.S. Army Dugway Proving Ground, Utah. Here, Gunners encounter a mock lab created by Dugway experts to mirror an actual biological weapons lab. Photo by Al Vogel, Dugway Public Affairs

is led by a sergeant into a mock hotel. Within, is a mock laboratory created from authentic equipment to provide them with a realistic chemical or biological agent scenario.

Each team is accompanied by a subject matter expert – a Dugway biologist or chemist – and an R.A.F. sergeant.

detector's alarm, simulating the presence of a chemical or biological agent.

The first week Gunners learn laboratory skills from scientists, through classroom briefs and lab work, that focus on chemical and biological detection, hands-on practical actions in the lab, recognizing

Actual agent is not used.

The second week is a low-intensity application of laboratory recognition skills learned in the first week, using simple scenarios to bolster confidence and concentrate on TTPs.

The third week involves more complex field training



SOME RESIDENTS OF DUGWAY MADE MARK LATER

Dugway Proving Ground has some surprising ties to a few people who gained fame or distinction. If you use GPS, enjoy Washington-made wine or watched the 2017 Academy Awards, you're a little closer to Dugway.

Compiled by Al Vogel
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Faye Dunaway, actress -- Famous for movie roles in "Bonnie and Clyde," "Chinatown," "Mommie Dearest," and "Network," (for which she won a best actress Oscar in 1976). Arrived at Dugway in 1954 at the age of 13 with her parents and younger brother. Dunaway's father was an NCO cook; her mother worked in the dry cleaners. Dunaway left Dugway in 1957 for Florida, where she graduated from high school. She was among the presenters at the 2017 Academy Awards.



Edward St. John Gorey (1925 - 2000) – American writer and artist noted for his macabre and gothic-styled books, and his animated introduction to the PBS series, "Mystery!" At Dugway from 1944 to 1946, Gorey was company clerk. He described Dugway as, "... a *ghastly place, with the desert looming in every direction.*" A new biography of Gorey, with much about his Dugway experiences, is expecting publication soon.



John Hollenhorst, KSL-TV reporter, Salt Lake City. In 1969, after a tour of duty in Vietnam, he was sent to Dugway Proving Ground. After discharge, Hollenhorst returned to his native Minnesota to earn a bachelor's in journalism. He has received numerous awards for broadcast journalism. Hollenhorst and his family live in Salt Lake City.



Dr. William Jollie (1928 - 2013) Researcher and teacher. Raised in Pennsylvania, Jollie was drafted during the Korean War and sent to Dugway, where he cultivated a love of research and the outdoors. Graduated Harvard Medical School in 1958. Pioneer in electron microscopy. Jollie was an early researcher on HIV virus transmission between the uterus and placenta.



Russell Kirk, writer (1918 - 1994) – American political theorist, moralist, historian, social critic, literary critic and fiction writer known for his influence on 20th century American conservatism. Because of his typing skills, Kirk was sent to Dugway, where he was a recorder and custodian of classified documents from 1942 to 1943.



Carroll R. Michaud suggested an innovation that led to the Global Positioning System. In 1974, during time and altitude testing of the F15 aircraft at Dugway, ground-based radar needed to be accurately positioned. Air Force Maj. Michaud suggested calibrating each radar by linking it to three orbiting satellites. The successful triangulation predated GPS by nearly 20 years.



Charles Nagel (1926 – 2007) Bacteriologist at Dugway 1951 to 1952. Nagel later pioneered Washington State University's groundwork to create the state's winemaking industry. In 1981, Washington had 19 wineries; today there are more than 900. It is America's second-largest premium wine producing state.



Bill Ratcliff (1925 – 2003) A Disney photographer weary of long absences from his family, Ratcliff became a test photographer at Dugway in the 1960s. He retired in 1985. Throughout much of his life, Ratcliff took scenic and wildlife photos for numerous national magazines. Some of his photos still appear at Salt Lake City Airport.



Richard Arthur Allen (1949 – 1995) Served as a 1st lieutenant with Dugway's 65th Military Police platoon in the early 1970s. Honorably discharged in 1973, he began working for the Social Security Administration. On April 19, 1995, Allen was working in the Alfred P. Murrah federal building in Oklahoma City. A truck bomb killed him and 167 other men, women and children. An empty chair at the site's memorial bears Allen's name.

1 QUESTION 4 ANSWERS



Women who Inspire

In honoring Women during Women's History Month, who is the most influential woman in your life?



Geoffrey Marsh
Safety Engineer,
West Desert Test Center

"My wife, Judith. She is an awesome mother, raising our four children. She received her Master's degree in Education and is an inspiring teacher who puts her heart into working with disadvantaged students. And, this last year she learned to ride a Harley. She is fearless."



Marcendria Satcher
Budget Analyst,
Resource Management

"I have two grandmothers that have greatly influenced my life. Luna Richardson and Nellie May Swain. Nellie lived in the South. She lived to be 101 years old, because she was determined to fulfill what she was put on the Earth to do, be a mother to her family. She came from nothing. She was a sharecropper, a nanny and a maid. But no matter what it was, she didn't let it define her. She was always proud of what she accomplished. Luna grew up in the North during the Great Depression. She was all about education, education, education. From her I learned that life is really about what you need, and not about what you want."



Spc. Jennifer Mesina
Medic,
Dugway Occupational Health Clinic

"My mom. She is strong, independent, and selfless. She puts her family first, while still maintaining a career for herself."



Dr. Doug Anderson
Liaison Officer,
West Desert Test Center

"The greatest influence in my life is my wife, Karen. I admire her resilience and her ability to continue in spite of the physical challenges from her brain tumor. She encourages and helps me be the best person I can be."

If you have 1 QUESTION that might need 4 ANSWERS, send it to us for consideration at:
usarmy.dpg.atec.mbx.pao@mail.mil

THE DISPATCH

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EMPOWERING THE
NATION'S DEFENDERS

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76th Division

SAVE THE DATE

Utah Army Ball
to commemorate
Armed Forces Day
Saturday, 20th May 2017
The Little America
Hotel
Salt Lake City, UT