MISSIE Ranger

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November 2019

Hispanic Heritage Month observance celebrates remarkable people

By Vanessa Flores WSMR Public Affairs

Honoring Hispanic Americans: Essential to the Blueprint of our Nation was the theme for the Hispanic Heritage Month observance at White Sands Missile Range Oct. 24.

The event's guest speaker, El Paso native Richard O. Martinez, a retired engineer who worked as a federal employee for 36 years, discussed what created the blueprint to his success.

"When we see the word blueprint we think of a technical drawing," said Martinez. "A blueprint can also be a detailed plan of action."

Integral to his personal blueprint were the impacts people and places made on him throughout his life

Martinez shared the names of several people who supported him,



WSMR Commander Col. David Trybula, left, and WSMR Command Sgt. Maj. William Wofford, right, present guest speaker Richard O. Martinez, center, with a certificate of appreciation.

making it clear that life is a journey one does not take alone. From the teachers who taught him valuable lessons, to the people he met during his career, supportive people filled his blueprint.

a chance and gave me a break as an environmental test engineer," said Martinez. "That break presented me with what

would end up as a 36year career journey as a government employee; this gave me exposure. experience, and the guidance of so many individuals"

During his federal ca-"An individual took reer. Martinez worked within several government organizations at WSMR, Fort Bliss, and Washington D.C., including the Materiel Test Directorate, Operational Test Command, Army Development and Acquisition of Threat Simulators. Ballistic Missile Defense Organization, and the Test & Evaluation Directorate Currently, he teaches a class on professional development at the University of Texas at El Paso, in the Mechanical Engineering Department.

As a college student Martinez joined the Society of Mexican American Engineers and Scientists, currently known as Latinos in Science and Engineering. Their mission is to promote, cultivate, and honor excellence in education and leadership among Latino engineers and scientists. The program was such an influence in his life: he served on the board at one point during his career. This program is where Martinez became a part of the blueprint for several young future professionals.

In addition to the guest speaker, the observance had Soldiers from the 3rd Battalion, 6th Air Defense Artillery Air Missile Defense Test Detachment, share the biographies of influential Hispanic Americans.

The audience received information about the milestones of journalist Jorge Ramos Avalos' prolific career, such as his efforts to promote literacy within the Hispanic community.

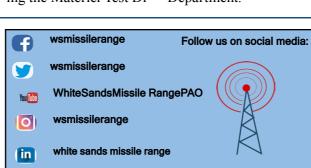
Also shared were highlights from Antonia Novello's history-making career as the first Hispanic Surgeon General of the United States.

Included was Master Sgt. Raul Roy Benavidez' story of courageous acts during the Vietnam War, he received the Medal of Honor for his heroism

For over 30 years, Hispanic focused celebrations take place from Sept. 15 to Oct. 15, which is National Hispanic Heritage Month. Sept. 15 is the anniversary of independence for several Latin American countries, while Mexico celebrates its independence on Sept. 16. Other significant Hispanic related dates also fall in October 💠



Movies and Community Calendar





Military Spouse Employment partnérship milestone

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Announcements



Announcement

McAfee US Army Health Clinic

NO FLU NOVEMBER

McAfee US Army Health Clinic will be having the

annual flu shot drive for ALL TRICARE Beneficiaries

November 7th from 0830-1700: PDC Auditorium

November 13th from 1700-1900: McAfee Clinic Lobby



POC: LTC Maria Pescatore, RN Ms. Sarah Rivera, RN Phone: 575-674-3500

Professional Development Center

BLDG 465 on the Corner of Dyer St. & Rock Island St.

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Missile Ranger Second Front -

Bell Gym programs motivate an active WSMR community

By Matthew Barrett Contributor

Humans are designed to move, and in our community, Bell Gym offers an amazing range of services to help you attain and maintain your personal fitness goals.

Sky M. Clarke, Director, Sports, Fitness and Aquatics at Bell Gym, emphasizes that everyone is welcome at Bell Gym. All fitness equipment is completely free to use, and the Cardio and Nautilus rooms are available 24/7 via pin access. The WSMR Wellness Program is also free and a great way to get a customized workout prescription and to try out Bell Gym fitness classes.

According to Clarke, the fitness classes are truly invaluable for those who want instruction. After trying out new classes, patrons are asked to get a punch card to help support Bell Gym. Regulars know these classes are by far the cheapest health insurance they can buy.

Bell Gym staff members invite you to come apply proper form with the help of their instructors and learn powerful workouts from instructors who live their positive message.

If you are new to Bell Gym, the best way to begin is to come in and peruse the couple dozen continually changing flyers Bell Gym posts on their board, such as the monthly Fitness and Wellness schedules and announcements for upcoming special events and sports. Introduce yourself to the staff at the front desk. They are here to help you and they appreciate feedback.

Your newest opportunity to participate with



U.S. ARMY PHOTO

Dawn Armstrong, center, leads a class at Bell Gym. The Steps to Be Active 2.0 program is open to all WSMR residents and employees.

the WSMR Community is Dawn Armstrong's Steps to Be Active 2.0. It is open to everyone. Armstrong is the Instal-

lation Wellness Coordinator and a Bell Gym instructor.

Steps to Be Active 2.0 is a 12-week walking

record your steps with a fitness tracker or mobile app. This challenge officially begun in October but more opportunities will be coming. Fill out a quick registration form and then send a screenshot showing your daily steps for the week to dawn.m.armstrong25. naf@mail.mil. Armstrong will update stats by each Tuesday and announce winners along the way. You can even earn extra steps, so read the flyer or call Bell Gym at 678-3374 for more details.

You sign up as an individual although you also represent your organization or team. Urge your WSMR Community friends or co-workers to join with you. Armstrong delights in making this a friendly competition. "A lot of times when you put a challenge out there,

challenge in which you record your steps with a fitness tracker or mobile app. This challenge officially begun in October but more opportunities will be coming.

many people will rise to that challenge and find that they can complete other things in their lives as well", affirms Armstrong. "Confidence is a tricky thing."

Armstrong piloted the first Steps to Be Active program and based on that success, she wants to draw in even more people now. Residents trounced DoD Employees last year, and in fact, one resident won Overall Most Steps. Chapel Services came together to record impressive steps from the very first week and eventually won for Best Organization.

This year Armstrong hopes that Test Center and Garrison DoD Employees as a group and many more individual organizations on post will all "step up", pun intended. So go forth and walk like our prehistoric ancestors once did.



Think Green...Go Blue. Recycle!

Don't put trash in the recycle bins or trailers!

When you dump trash in the recycling trailers, the entire load is ruined and may go to the landfill.

Please remove all trash from your recycling containers.





Not sure what is recyclable and what's not? We have a guide for you just call the office.

Talk to the Recycling Coordinator at: 678-225



WSMR Recycles
Think Green...Go Blue. Recycle!

Please Break Down Your Cardboard Boxes

It only takes a minute, and it is a big help in our recycling efforts. Boxes can take up most of

the space in a load if they aren't properly broken down. Please flatten ALL your cardboard boxes before placing in the recycling trailers.





Recycling Questions?
Talk to the
Recycling Coordinator at:
678-225





Main Number - (575) 678-1957

Kirt Davis - Suicide Prevention (575) 678-1957

Mariah Nunez - EAP/Prevention Education- (575) 678-2112

WSMR ASAP Hotline: 575-528-9034



Missile Ranger **Submission Policy**

Submissions to the Missile Ranger are accepted anytime for publication in the following issue, space permitting.

All submissions will be edited for style, content and propriety. Submissions must include a point of contact identified by first and last name and a telephone number for that point of contact.

Submissions can be made by e-mail to the following usarmy.wsmr. atec.list.ranger@mail.mil; also in person at the Public Affairs Office, Building 1782; or call (575) 678-2716.

White Sands Missile Range

Sexual Harassment / Assault Response & Prevention

24/7 Hotline 575-993-0589













DOD's military spouse employment partnership reaches milestone

DoD Office of Military Community and Family **Policy**

WASHINGTON - The Military Spouse Employment Partnership program now has more than 400 employers as partners, according to officials from DOD's Military Community and Family Policy Office.

Expanding its support for military spouses, DOD inducted 42 new employers into the Military Spouse Employment Partnership on Oct. 22 at its annual New Partner Induction Ceremony in Arlington, Virginia. This inductee class also was the largest number of federal partners in MSEP's eight-year his-

The Military Spouse Employment Partnership is a DOD initiative with employers who commit to recruit, hire, promote and retain military spouses in portable careers. The program helps prepare spouses to be job-ready, and connects them with employers worldwide, with 24/7 access to job openings and career connections.

"The power of MSEP is the extraordinary opportunity to build connections that help military spouses find and maintain meaningful employment and careers, so they can contribute financially to their households and the well-being of their families," said A.T. Johnston, deputy assistant secretary of defense for military community and family pol-



Second Lady of the United States Karen Pence applauds during the Military Spouse Employment Partnership Annual New Partner Induction Ceremony in Arlington, Va., Oct. 22, 2019. The Military Spouse Employment Partnership now has more than 400 employers as partners, according to officials from DoD's Military Community and Family Policy Office.

-The Military Spouse Employment Partnership is a DoD initiative with employers who commit to recruit, hire, promote and retain military spouses portable careers with access to

job openings. -

The Military Spouse **Employment Partnership** has grown steadily since inducting its first class of 73 companies and organizations in 2011. Millions of jobs have been posted on the MSEP Job Search. with partner employers hiring more than 139,000 spouses.

Karen Pence, wife of Vice President Mike Pence, said it is important to stand with military spouses.

"Military spouses are flexible, hardworking and tremendous assets to our country," Pence said. "Military spouses are the homefront heroes. I know this because I visit them all over the country and world."

While military spouses are well educated and highly qual-

-"Military Spouses are flexible, hardworking and tremendous assets to our country. Military spouses the homefront heroes. 1 know this because 1 visit them all over the country." -Karen Pence.

ified for a range of careers, according to the Spouse Employment & Education 2017 Survey of Active Duty Spouses, they face a 24% unemployment rate and a 25% wage gap compared to their civilian counterparts. The survey also revealed that 77% of these spouses want or need work; yet frequent relocation is often a barrier to finding and maintaining a rewarding career.

"You will not be sorry that you hire a military spouse," Barbara Ashley, a military spouse, said. "They will always contribute more than they receive."

The ability of spouses to obtain and retain fulfilling employment as they relocate helps to improve the quality of life of military families and the readiness of the military force.

"Today we celebrate 42 companies that are making great strides to provide a new home to military spouses," Deputy Defense Secretary David L. Norquist said. "These organizations are helping us advance the national defense strategy."

The MSEP initiative is part of DOD's broader Spouse Education and Career Opportunities program. The department established the SECO program to provide education and career guidance to military spouses worldwide, offering free, comprehensive resources and tools related to career exploration, education, train-

-The power of MSEP is the extraordinary opportunity build connections that help military spouses find and maintain meaningful employment and careers -

ing and licensing, employment readiness and career connections. This program also offers free career coaching services six days a week.

Military OneSource is a DOD-funded program that is both a call center and a website providing comprehensive information, resources, and assistance on every aspect of military life. Service members and the families of active duty, National Guard and reserve (regardless of activation status); Coast Guard members when activated for the Navy; defense expeditionary civilians; and survivors are eligible for Military OneSource services, which are available worldwide 24 hours a day, seven days a week, at no cost to the user. *

Technology abuse highlighted during Domestic Violence Awareness Month

By Vanessa Flores WSMR Public Affairs

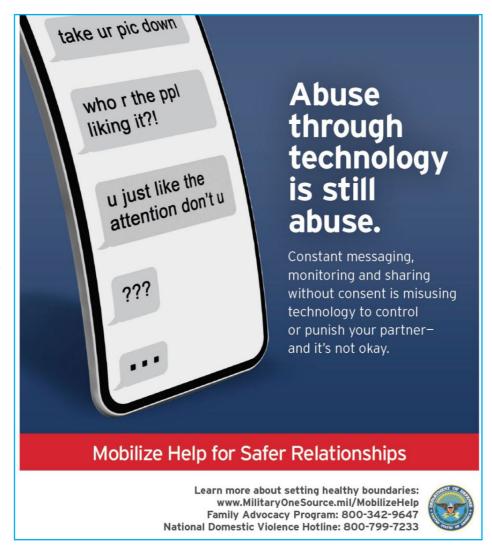
Every October since 1981 people wear purple and have conversations revolving around Domestic Violence Awareness Month. This year is no exception, as technology and hashtags create awareness at an unprecedented level.

However, the technology that is creating awareness is also an outlet for a different type of domestic abuse.

As technology progresses, its use is changing the dynamic of relationships. For some, it brings people closer together, and for others, it allows their abuser to always be at their fingertips. Abuse occurs when people use technology to control or maintain their relationship.

While abuse through technology can happen in a variety of ways, most often, it occurs through mobile phones or social media networks.

"This month, we are emphasizing how social media and smartphones play a factor in domestic violence," said Cynthia Valenzuela, Family Advocacy Program Manager at White Sands Missile Range. "People in jealous relationships are having conversations where things like, 'why do you have this person on your friend list' or 'if you love me you will unfriend this person,' are said or people are being tracked by their partners through their phone's



GPS."

Creating awareness of technology as a platform for domestic abuse is at the forefront of the military community this month. As the modern day-to-day use of technology evolves, so do the types of potential violence.

Examples of technology abuse include sending threatening messages, tracking someone's whereabouts, or sharing explicit images of someone. Demanding your partner's passwords or constantly checking their phone log, are ad-

ditional forms of technology abuse.

"Just because it's verbal or just because you do not have physical contact does not mean it's not mistreatment. Abuse, or harassment, it still falls under the same umbrella, just under a different light," said Valenzuela. "These days, people hide behind the screen, and text mean things. There is this impersonalization where they feel removed from the situation because it's not face-to-face, and they don't believe they did anything wrong."

A misconception of domestic violence is that there must be physical violence involved. That is not the case; there are different types of abuse, including physical, emotional, financial, and verbal.

All forms of abuse are damaging to the person going through it.

For example, Valenzuela explained that financial abuse usually happens when one person tries to control all the money in a relationship. If one person in the relationship works, and they only give their

partner enough money to pay the bills, it makes the non-working person in the relationship feel dependent. Not having money also makes it difficult if they want to leave the relationship.

Indicators that something may not be right in a relationship is when someone:

- · Gets anxiety about missing a call from a significant other
- · Must ask permission from their partner to do everyday activities
- Has demeanor changes when their partner is around
- · Begins to interact differently with others when their partner shows up

"If you think someone is getting abused,
like a coworker, listen
to your gut intuition, listen to what you are feeling," said Valenzuela.
"You can come to talk to
me, and we can discuss
whether or not it can be
abuse. I can guide you on
what to present to your
coworker like resources
and phone numbers for
advocates."

If you see someone in the act of physically abusing someone, call 911 immediately. You must always report a crime while it is happening.

If you see someone with a black eye or suspect abuse of some type, do not speculate. Instead, ask the person openended questions, such as 'what happened' or 'is everything okay.' This allows the person to use their own words, rather

than being swayed by what you say.

"Accidents happen; we know that. It's when your story does not add up, or things do not make sense when we start to take a closer look," said Valenzuela.

Realistically, anyone can be abused or be the abuser at any point in his or her life. Nobody is immune from being in either role in their relationship. One moment of anger can flip a switch, which is why you can reach out to resources such as the Family Advocacy Program at White Sands Missile Range.

"Advocating, education and raising awareness is my main focus," said Valenzuela. "If you are feeling like you have a history of reacting a certain way, come see me. I am not only here for victims. I am here for everybody."

Valenzuela and her team are available to help with domestic violence issues. They will work with anyone in need of assistance, no matter what the situation. They help promote healthy relationships and encourage anyone in need or those who want to better their relationship to reach out. You do not have to be in crisis to visit their office. Call Valenzuela at 575-678-2018. She can create a targeted program for your relationship needs or provide tools to help improve yourself. WSMR Domestic Violence 24/7 Hotline: 575-993-7413. 💠

R2TD: A new tool for an ever-present threat

By John Higgins PEO IEW&S

ABERDEEN PROV-ING GROUNDS, Md. -- Seismic, acoustic and electromagnetic systems work to help Army find one of the oldest forms of field fortification: tunnels.

War is as old as human history. This means a lot of the reactive tactics and protective equipment must evolve in response to an attack becoming strong. As weapons became heavier and deadlier-swords went from bronze, to iron, to alloys of greater hardness and durability-the defense for them would evolve, protective clothing going from very thick fabrics, to leathers, to metals to the hard ceramics and Kevlar we know today.

Terrain use has evolved over time, too. As the stakes continue to rise and objectives evolve, merely taking hills, fields and transportation routes was always the start, but taking, holding and occupying towns and cities for longer periods of time will be key.

This means tunnels. Cities thousands of years old, such as Paris and its 200 miles of tunnels and catacombs, or modern American cities like New York, which has 665 miles of subway tunnels, will make tunnels a consideration of modern urban warfare. Newer cities may not have subways as an afterthought, but as a foundation of their planning. In India and China,



U.S. ARMY PHOT

Sgt. Stephen Moreno, explosive ordnance disposal specialist, searches a tunnel for booby traps at Fort Carson, Colo.

for example, subway stations are the root of creating new cities as the population continues to grow.

Tunnels have been used to thwart invaders and penetrate fortifications since there were invaders and fortifications. For example, ancient Romans used tunnels-called quants-to transport water to sustain their cities. Were any enemy able to find those tunnels, they could do incredible damage to the city of Rome.

Today, military thinkers like those at the Modern War Institute at West Point are considering underground warfare as a given, and they are considering the kind of equipment that would make underground warfighting most effective.

Project Manager Terrestrial Sensors, part of the Program Executive Office - Intelligence, Electronic Warfare & Sensors, has a key piece of tunnel warfare at the ready: Rapid Reaction Tunnel Detection equip-

ment, or R2TD.

After all, to fight in tunnels, you have to find them first.

Dr. Steven Sloan, a research geophysicist with the U.S. Army Engineer Research and Development Center, has been working with his team on R2TD system for more than half a decade, which is less a piece of equipment than a suite of tools.

"What we've found over the years is that there's no silver bullet that works in all geologies and all situations," said Sloan. "So, we have multiple, different systems that each have their strengths in different things dependent on the setting that we're working in, or what the target set is, then we can kind of mix and match to optimize detection."

R2TD has seismic, acoustic and electromagnetic systems to detect different aspects of underground structures. Seismic to detect movement of dirt, for example. Acoustic to detect open

space underneath the ground and electromagnetic to detect infrastructure like cables, wires, nails and even rails.

"The other two systems are actual in-ground permanently or semi-permanently installed, like an underground fence of sensors," said Sloan. These other two systems are the border tunneling activity detection system-linear and the active seismic imaging system, which can counter adversaries using purpose-built tunnels or existing subsurface infrastructure, and assist in the survey of large areas for perimeter defense and the detection of existing tunnels and other subsurface anomalies, respectively.

"The thing with tunnels is they're a low-tech counter to a high-tech adversary," said Sloan. "So all it takes is his time and manpower to build one and there's not a whole lot out there to stop them. It's been around centuries and centuries for a lot of different conflicts."

Sloan and his team know this, and thus they are often upgrading and tweaking the system.

"We're upgrading the active seismic units that are in theater," said Sloan. "We bring them back one at a time and we put in new hardware and new software that's been developed over the last four or five years in there and then put them back over into their respective theaters of operations."



VOLUNTEER COACHES NEEDED FOR EACH CHEER GROUP!

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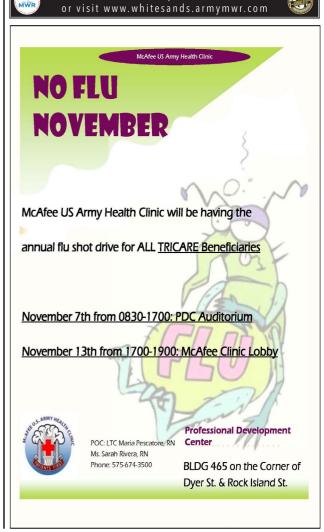
Practice will be Tuesdays & Thursdays

from 5pm -6pm @ MST Bldg. 1318

Parent meeting will be

November 4th • 5pm to 6pm

@ MST Bldg. 1318



Community Calendar

Community Calendar submissions are compiled by the Public Affairs Office. Any WSMR organization wishing to publicize an event on this calendar should submit information to usarmy.wsmr.atec.list.ranger@mail.mil.

Frontier Club Lunch Specials

Monday, Nov. 4

Frontier Club - Jambalaya

Tuesday, Nov. 5

Frontier Club - Carne Asada

Wednesday, Nov. 6

Frontier Club - Japanese Curry Chicken

Thursday, Nov. 7

Frontier Club - Barbeque Briskett

Friday, Nov. 8

Frontier Club - Portabella tacos

Monday, Nov. 11

Frontier Club - Closed for Veterans Day

Tuesday, Nov. 12

Frontier Club - Chicken Mesilla

Wednesday, Nov. 13

Frontier Club - Frito pie

Thursday, Nov. 14

Frontier Club - Cilantro lime cod

Friday, Nov. 15

Frontier Club - Bratwurst

Monday, Nov. 18

Frontier Club - Thanksgiving special

Tuesday, Nov. 19

Frontier Club - Green chile chicken enchiladas

Wednesday, Nov. 20

Frontier Club - Coconut shrimp

Thursday, Nov. 21

Frontier Club - Pork loin

Friday, Nov. 22

Frontier Club - Santa Fe Turkey

Closed Saturday and Sunday

November

- Nov. 7 Veterans Day Ceremony at White Sands School
- Nov. 11- Veterans Day
- Nov. 28- Thanksgiving Holiday



Frequently Called Numbers

Aquatic Center 678-1068

Army Community Service 678-6767

Arts and Crafts Center 678-5321

Auto Crafts Center 678-5800

Bell Gym 678-3374

Bowling Center 678-3465

CDS 678-2059

Community Center 678-4134

Commissary 678-2313

Frontier Club 678-2055

Library 678-5820

McAfee Army Health Clinic 674-3500

Museum 678-2250

Post Chapel 678-2615

Post Office 541-7429

Outdoor Recreation 678-1713

White Sands Schools 674-1241

Youth Services/SAS 678-4140

IHG Army Hotel, WSMR 678-1838/4559