



# THE INNOVATOR

OPTIMIZING COMBAT CASUALTY CARE



JUNE 2013

THE NEWSLETTER OF THE U.S. ARMY INSTITUTE OF SURGICAL RESEARCH

## USAISR Earns Army Safety Excellence Streamer

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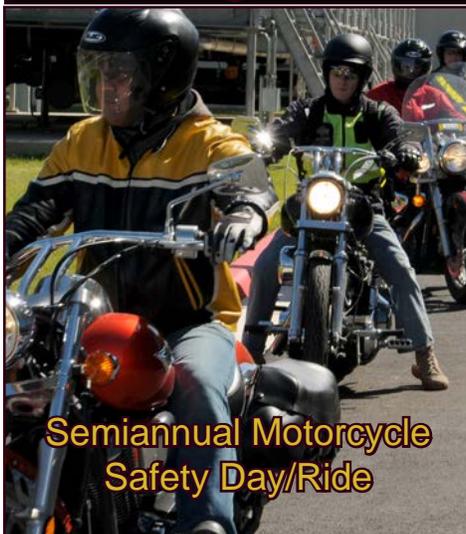
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US ARMY

## CDR's Corner



Col. (Dr.) Michael A. Weber  
Commander, USAISR



Col. (Dr.) Michael Weber hosted Dr. David Smith, Deputy Assistant Secretary of Defense for Force Health Protection and Readiness May 30.

### “Optimizing Combat Casualty Care”

Hello ISR,

You all have done an incredible job over the past month. We have demonstrated our exceptional value to stakeholders in our local community, to foreign military, and to our most senior National leadership. However, despite everything we are doing for combat casualty care, we are failing each other and our sacred trust with the American people.

Please heed General Ordierno's comments. "Today the Army is failing in its efforts to combat sexual assault and sexual harassment. It is time we take on the fight against sexual assault and sexual harassment as our primary mission. It is up to every one of us, civilian and Soldier, general officer to private, to solve this problem within our ranks... Commanders, non-commissioned officers, and law enforcement must ensure that every allegation of sexual assault

and sexual harassment is thoroughly and professionally investigated and that appropriate action is taken. Leaders at every level are responsible for establishing a command climate and culture of mutual respect, trust, and safety... Our profession is built on the bedrock of trust; sexual assault and sexual harassment betray that trust. They have a corrosive effect on our unit readiness, team cohesion, good order and discipline. We are entrusted with ensuring the health and welfare of America's sons and daughters. There are no bystanders in this effort. Our Soldiers, their families, and the American people are counting on us to lead the way in solving this problem within our ranks."

ISR Team, our number one priority collectively and individually is eliminating sexual harassment and assault.

June has three special holidays. Our country celebrates Flag Day and the Army's birthday on June 14. Flag Day commemorates the adoption of the flag of the United States by resolution of the Second Continental Congress in

1777. On June 14, 1775, the Continental Congress established "the American Continental Army." Several celebrations are taking place, including a Ball at the Grand Hyatt and a Fort Sam Houston Birthday Run. Happy 238th birthday!

On June 16 we celebrate Father's Day. I am very fortunate to have an excellent father who remains one of my closest confidants and advisors. In 2004 when I was an FST commander at Fort Hood, I was fortunate to have some unscripted time with Presidents George H.W. Bush and George W. Bush. Their interactions demonstrated to me the special bonds between father and child and the ideal way relationships may perfect over time. Whatever your relationship is with your father, my advice is that the most special gift you can give is to acknowledge your love or find forgiveness for the relationship that existed. I think all fathers want to give their children a legacy to cherish and not a childhood that takes an entire

**CDR continued on page 4**



**ARMY MEDICINE**  
Serving To Heal...Honored To Serve

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## SGM Says



ISR Sergeant Major  
Vincent M. Herrington

### “Protect and Sustain, Lead From the Front”

First, I would like to wish a happy Father’s Day to all the ISR fathers.

Next, I would like to offer congratulations to all the civilians and Soldiers who received awards and recognition during last month’s awards ceremony and to the following Soldiers and their families who reenlisted in the United States Army this month: Sgt. Shannelle McNair and Sgt. Joel De Leon. We thank them for their continued service.

Finally, thanks to all the members of our unit who play on our intramural golf and softball teams. We appreciate the extra hours you contribute in practicing, playing, and representing our unit. The ISR Softball Team has eight wins and one loss due to forfeit. The ISR Golf Team is moving up the leader board and is currently tied for tenth place.

We are a few weeks away from the beginning of summer and the Army’s 238th birthday. We wish everyone a safe and enjoyable summer. As we celebrate our Army birthday, let us stay committed to our Army initiatives: **Ready and Resilient, The Army Profession and Soldier for Life** and recall our famous flag song:

## My Name is Old Glory

I am the flag of the United States of America  
My name is Old Glory.  
I fly atop the world’s tallest buildings.  
I stand watch in America’s halls of justice.  
I fly majestically over great institutes of learning.  
I stand guard with the greatest military power in the world.  
Look up! And see me!  
I stand for peace, honor, truth, and justice.  
I stand for freedom.  
I am confident . . . I am arrogant.  
I am proud.

When I am flown with my fellow banners,  
my head is a little higher,  
my colors a little truer.

I bow to no one.  
I am recognized all over the world.

I am worshipped.

I am saluted.

I am respected.

I am revered. I am loved.

And I am feared.

I have fought every battle of every war for more than 200 years...  
Gettysburg, Shilo, Appomatox, San Juan Hill, the trenches of France,  
the Argonne Forest, Anzio, Rome, the beaches of Normandy,  
the deserts of Africa, the cane fields of the Philippines,  
the rice paddies and jungles of Guam, Okinawa, Japan, Korea, Vietnam,  
and a score of places long forgotten by all but those who were with me.

I was there!

I led my soldiers.

I followed them.

I watched over them...

They loved me.

I was on a small hill in Iwo Jima.

I was dirty, battle-worn and tired,

but my soldiers cheered me,

and I was proud.

I have been soiled, burned, torn and trampled on the streets of countries  
I have helped set free.

It does not hurt . . . for I am invincible.

I have been soiled, burned, torn and trampled on the streets of my country,  
and when it is by those with whom I have served in battle . . . it hurts.

But I shall overcome . . . for I am strong.

I have slipped the bonds of Earth

and stand watch over the uncharted new frontiers of space  
from my vantage point on the moon.

I have been a silent witness to all of America’s finest hours.

But my finest hour comes

when I am torn into strips to be used for bandages  
for my wounded comrades on the field of battle.

when I fly at half mast to honor my soldiers...

and when I lie in the trembling arms

of a grieving mother at the graveside of her fallen son.

I am proud.

My name is Old Glory.

Dear God . . . Long may I wave!

SMSGt. Don S. Miller, USAF (Ret.)

# USAISR Earns Army Safety Excellence Streamer



First Sgt. Bradley G. Proud places the U.S. Army Safety in Excellence streamer on the Company guidon during formation May 24. This is the first time the ISR has been awarded the safety streamer.

## SAFETY EXCELLENCE

Story and photo by Steven Galvan  
USAISR Public Affairs Officer

The U.S. Army Institute of Surgical Research (USAISR) Company was awarded its first Army Safety in Excellence streamer during troop formation May 24. The streamer is awarded to units without any Class A or B accident for 12 months; have 100 percent completion of Composite Risk Management (CRM) training; and completion of the Army Readiness Assessment Program (ARAP) within the last 24 months.

“It’s a tremendous achievement for us,” said Col. (Dr.) Todd Rasmussen, USAISR Deputy Commander, while addressing the Soldiers during formation. “The fact that we have not had this before is a reflection of your professionalism and commitment to the organization.”

The Army Combat Readiness/Safety Center defines Class A accidents as

“It’s a tremendous achievement for us. The fact that we have not had this before is a reflection of your professionalism and commitment to the organization.”

**USAISR Deputy Commander,  
Col. (Dr.) Todd Rasmussen**

those which result in property damage of \$2,000,000 or more or an injury or occupational illness resulting in a fatality or permanent total disability. A Class B accident is one which results in property damage of \$500,000 or more, but less than \$2,000,000 and an injury or occupational illness which results in permanent partial disability or when three or more people are hospitalized as inpatients as the result of a single occurrence.

“This is our first streamer and I attribute it to you and the leadership,” said USAISR Safety Officer Stephanie Truss. “Congratulations to you. This is for you. Continue being strong Soldiers, leaders and future leaders. Utilize that risk management and that will also help keep accidents down.”

CRM is the Army’s primary decision-making process for identifying hazards and controlling risks across the full spectrum of Army missions, functions, operations, and activities; and ARAP provides commanders with data on their formation’s readiness posture by sampling culture and safety climate.

“I am extremely proud of our troops for this achievement,” said USAISR Commander, Col. (Dr.) Michael A. Weber. “Safety is, has been, and will continue being our priority. I am confident that our staff will continue making the proper decision by using the tools that are available to them and we will continue earning the streamer every year.”

The USAISR will display the streamer on the Company guidon for a year. After that, the Institute must re-qualify, resubmit the awards package, and be approved in order to keep the streamer for an additional year.



**CDR continued from page 2**

adulthood to forgive.

Thank you all for the ideal legacies you are creating at the ISR every day. Hooah!

## Company Notes



First Sergeant  
Bradley G. Proud

We would like to welcome three new additions to the ISR family: Spc. Stephen Holmes and his wife welcomed a daughter, Eleanor Katherine, on April 30; Spc. Billie Durrett welcomed son Ryder Lincoln Foster on May 9; and Sgt. Wilfredo Alvarez and his wife brought us Wilfredo Noah on May 25. All are doing well.

Congratulations to Sgt. William Vidal and Spc. Polly Busman for their selection as NCO and Soldier of the Month, respectively, for May. Their photographs will be on display in the company area.

We also want to congratulate the



ISR Deputy Commander, Col. (Dr.) Todd Rasmussen and ISR Sgt. Major Vincent Herrington, far right, pose with the ISR Company after being awarded the Army Safety in Excellence streamer May 24.

whole ISR team for earning the Army Safety in Excellence streamer! As a reward for our excellent safety record, ISR Company Commander, Cpt. Natalie Collins has authorized a four-day pass to all military who were assigned to the ISR as of May 23, 2013. This is just a small token of our gratitude for making safety a priority.

The ISR conducted Army Warrior Task training May 20-23, bringing our

FY-13 percentage to 90. We will be conducting one or two make-up days in the near future for the few Soldiers who were unavailable this month. A thank you to Staff Sgt. Juan Villegas and all the Soldiers who worked the event—great job as usual.

On the June 28 at 0900, we will be having a change of command ceremony in front of the ISR building. At that time, we will be saying good-bye to our company commander and welcoming Cpt. Lashawna Ray. The ceremony will be followed by a reception for us to greet the new commander.

The Army Chief of Staff has made Sexual Harassment/Assault Response and Prevention Program (SHARP) the number one priority in the Army. The Commanding General of Army North, Lt. Gen. William Caldwell, stated that there will be a SHARP stand-down day in June. We will be hearing much more in respect to stand-down in the coming days; but first and foremost, sexual harassment and assault have no place in the military, and I know who the Soldiers and civilians that make up the ISR already treat everyone with the dignity and respect that they deserve.



NCO of the Month  
Sgt. William Vidal



Soldier of the Month  
Spc. Polly Busman

# ISR Holds Semi-Annual Motorcycle Safety Day/Ride



Motorcyclists line up and prepare for the ride portion of the semiannual Motorcycle Safety Day and Ride May 3

By Staff Sgt. Daniel Nelson  
ISR Motorcycle Safety Program NCO

It was a cold morning on May 3rd in San Antonio, but that did not deter our diehard motorcyclists from coming out and supporting our semiannual Motorcycle Safety Day and Ride. The morning started off with a meet-and-greet at

our designated staging area, followed by a motorcycle inspection led by Sgt. 1st Class Brandon Gibson. Following the inspection, the group headed in to get a reprieve from the cold and the wind and into the classroom portion of the day.

Sgt. 1st Class Michael Popa started out the classroom training with a

very comprehensive class on motorcycle handling, including several videos of track riding he shot. Next was Spc. Martha Rodriguez, a recent and welcome addition to the motorcycle safety team. Rodriguez gave an excellent class on motorcycle accident statistics and a brief overview of a study performed on motorcycle accident causes. Sgt. Daniel Zimmerman, another new addition to the team, presented an excellent class on ride preparation and proper safety equipment when riding. I was last to present an overview of formation riding and hand signals followed by a ride brief. After that, we were off on our ride.

While we were expecting overcast skies, heavy winds and low temperatures, we were pleasantly surprised with sunny skies and an overall pleasant day. A hectic highway ride followed by some winding country roads put our riders through several types of road surfaces at challenging yet safe speeds. The ride concluded with lunch while we discussed the ride and road conditions and how we could improve the Motorcycle

**MC SAFETY continued on next page**

Special ISR Statistics Lecture

## PRAGMATIC DATA MANAGEMENT: FROM ETHICS TO IMPLEMENTATION

**Mr. William Sanns**

Director of Information Services  
Dept. of Epidemiology & Biostatistics  
UT Health Science Center, SA



Thursday, June 13  
1300-1500 hrs  
BHT-1 Second Floor Conference Room



Motorcycle riders depart for the ride portion of the Motorcycle Safety Day and Ride.

# Hand Hygiene Compliance



**MC SAFETY continued from page 6**

Safety Day and Ride later this year.

I would like to thank the motorcycle safety team and the ISR Safety Officer, Stephanie Truss. I would also like to thank Spc. Brian Brown and Spc. Danilo Mendoza for supporting us as

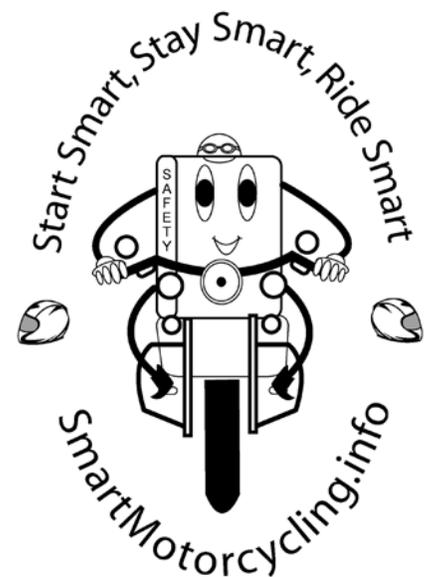
emergency vehicle driver and medic. Most of all, we would like to thank the ISR leadership and staff for supporting events like this one. See you at the end of the year at our next Motorcycle Safety Day and Ride.



Ready to ride. Motorcyclists depart for the ride portion of the semiannual Motorcycle Safety Day and Ride.



ISR Commander, Col. (Dr.) Michael A. Weber supports and participates in the semiannual Motorcycle Safety Day and Ride.



# USAISR Burn Center Receives FDA Clearance for Burn Resuscitation Technology

Story and photo by Steven Galvan  
USAISR Public Affairs Officer

For the first time in its 70-year history, the U.S. Army Institute of Surgical Research (USAISR) at Joint Base San Antonio-Fort Sam Houston received 510(k) clearance from the U.S. Food and Drug Administration (FDA) for a medical device developed at the USAISR. The clearance for the Burn Navigator or Burn Resuscitation Decision Support System-Mobile (BRDSS-M) was announced by the FDA Director of Preparedness/Operations and Medical Countermeasures at the Center for Devices and Radiological Health, Dr. Suzanne Schwartz, during the 2013 American Burn Association 45th Annual Meeting at Palm Springs, Calif., April 23-26.

“This technology is the first of its kind algorithm-based decision assist system for use in managing fluid resuscitation of the severely burned patient,” said Schwartz. “We consider this a milestone, but even more than that, a peek into what the future has in store for burn trauma management.”

USAISR Research Task Area Program Manager for Comprehensive Intensive Care Research Jose Salinas, Ph.D, helped develop the BRDSS algorithm which generates recommendations of fluid intake for burn patients. It was designed to assist in avoiding problems related to over- or under-resuscitating by medical care providers who do not routinely care for burn patients. The original BRDSS technology was developed for use at the USAISR Burn Center Intensive Care Unit (BICU) about seven years ago. According to Salina, it has been invaluable with assisting medical providers with resuscitation management and has been shown



USAISR Research Task Area Program Manager for Comprehensive Intensive Care Research Jose Salinas, Ph.D., and Maria Serio-Melvin, MSN, USAISR clinical program coordinator for computer decision support systems and co-chair of the integrated product team that is fielding the Burn Navigator which recently received 510(k)FDA clearance.

to improve patient outcomes.

“If you give a patient too much or too little fluid, the results can be fatal,” explained Salinas, describing the complex care necessary for burn patients who are often dehydrated and require precise rehydration.

Maria Serio-Melvin, MSN, USAISR

“Our goal is that this device will help keep medical providers on track with one of the most important things that they need to do—hourly fluid titration based on urine output.”

**Maria Serio-Melvin, MSN,  
USAISR clinical program  
coordinator.**

clinical program coordinator for computer decision support systems and co-chair of the integrated product team that is fielding the system, added that there are a lot of competing priorities when caring for burn patients.

“Our goal is that this device will help keep medical providers on track with one of the most important things that they need to do—hourly fluid titration based on urine output,” said Serio-Melvin.

The Burn Navigator is designed to be used in a deployed setting by non-burn-experienced nurses and doctors. The software is in a mobile tablet that meets military specifications.

“An additional benefit of the system is that it’s not only a decision support

**BRDSS-M continued on next page**



The Burn Navigator developed at the ISR received 510(k) clearance from the U.S. Food and Drug Administration.

**BRDSS-M continued from page 8**  
 system; it's also a graphical interface of the trends of how the patient is doing," said Salinas. "So even without the decision support part of it, medical providers can look at the display and see how the patient is progressing and use that to help better manage the burn patients."

The Burn Navigator is expected to be used soon by the Army at deployed Combat Support Hospitals (CSHs), which support overseas contingency operations in Iraq and Afghanistan.

The Burn Navigator technology was licensed to Arcos Medical, Inc. of Houston, which worked with the USAISR to submit the FDA 510(k) application with funding from the U.S. Army Medical Research and Materiel Command (USAMRMC) at Fort Detrick, Md. The USAISR is a subordinate research command of USAMRMC, which is a major command in the Army that leads efforts in support of the full life cycle of medical supplies and equipment, to

include research, development, acquisition and sustainment. The research part of the mission is executed through its laboratory commands like the US-AISR and extramurally.

Companies such as Arcos, Inc. produce commercial devices, including the Burn Navigator, for use by the Army and at civilian burn centers throughout the world.

USAISR Research Task Area Program Manager for Comprehensive Intensive Care Research Jose Salinas, Ph.D, helped develop the BRDSS algorithm which generates recommendations of fluid intake for burn patients. It was designed to assist in avoiding problems related to over- or under-resuscitating by medical care providers who do not routinely care for burn patients.

## Introducing Army Medicine's Secure Messaging Service

Army Medicine beneficiaries can now conveniently communicate online with their primary care providers via secure messaging.

Army Medicine Secure Messaging Service (AMSMS), powered by Relay-Health, brings your healthcare team to you, wherever you are, any time of day. It allows you to communicate with your doctor through secure email about non-urgent healthcare matters, so your doctor or another care team member can respond during business hours.

Through AMSMS, you can contact your primary care clinic to:

- Ask questions and receive advice about non-urgent health concerns at your convenience
- Request appointments and referrals, even when your doctor's office is closed, so your clinic can respond and/or schedule them during business hours
- Renew medication prescriptions easily, request prescriptions be sent to your preferred pharmacy, and specify pick-up or mail-order delivery
- Request laboratory and other test results, with an explanation from your doctor or other care team member attached, when appropriate
- Avoid unnecessary office visits and telephone calls
- Access valuable, medically reviewed health education information about a full range of healthcare topics and access links to doctor-recommended information and sites

Army Medicine Secure Messaging Service is a secure portal that is compliant with the Federal Health Insurance Portability and Accountability Act (HIPAA). Encryption technology and a stringent privacy policy protect patient personal information more securely

**AMSMS continued on page 11**

June Health News

By Maria G. Dominguez, R.N. COHN-S/CM Occupational Health



The National Safety Council is celebrating 100 years!



Each June, the National Safety Council encourages organizations to get involved and participate in National Safety Month. This annual observance is to educate and influence behaviors around leading causes of preventable injuries and deaths.

This year's theme is "Safety Starts with Me." Successful organizations engage everyone in safety to create a culture where people feel a personal responsibility for their own safety, as well as that of their coworkers, family and friends. While leadership from the top is important, creating a culture of ownership of safety by all employees makes everyone in the organization a safety leader.

Each week for the month of June carries a theme bringing attention to critical safety issues. This year themes are: Week 1: Preventing Slips, Trips and Falls, Week 2: Employee Wellness, Week 3: Emergency Preparedness, Week 4: Ergonomics.

In the Spotlight

Bruce W. Tarpey

**Job title:** Project Lead for Tactical Evacuation (TACEVAC) Study

**How long have you worked at the ISR?** 5 years 6 months

**What or who has been an inspiration to you in your work?** My co-workers and wounded warriors.

**What is your favorite part of your job?** Knowing that the outcomes of the project will have a direct impact on how senior officials place assets in theaters of operation to support warriors wounded on the battlefield.

**Your proudest achievement?** Recently acquiring a B.S. in Management.

**Hobbies:** Sports memorabilia

**Favorite book:** *Rogue Warrior*

**Favorite movie/TV show:** *Goodfellas/Seinfeld*

**Favorite quote:** "None of us are as strong as all of us."



June is also International Men's Health Month with June 10-16 as Men's Health Week. This celebration was founded to raise the media's and the public's awareness of many unique issues that impact men's lives today. Each day of the month addresses a different men's issue, encouraging men's and boys to seek regular medical advice and early treatment for disease and injury.

Other June celebrations are: National CPR and AED Awareness Week (June 1-7, 2013), Health & Safety Institute (HSI) explains that a sudden cardiac arrest victim can only survive without CPR and defibrillation for about ten minutes. Nationwide "call to shock" times vary, but in even the optimum situation, emergency medical technicians are unlikely to be on-site within ten minutes. The key to a sudden cardiac arrest victim's survival is a witness or responder with CPR and AED training. A prompt, skilled response is the only way to save a sudden cardiac arrest victim's life.

Summer is the peak season for light-

ning strikes in North America, but a little caution and common sense can help you stay safe year-round. June 24-30 is Lightning Safety Awareness Week, an annual campaign to protect people from the deadly force behind thunderstorms' namesake noise. Lightning killed about 35 people in the U.S. per year from 2006 to 2011. Worldwide, it kills an estimated 2,000 people every year.

So, don't forget. Things to remember this month: Have you completed your CPR/ AED training? Men, give yourself a birthday present, have your annual maintenance check up this year! Stay safe in a storm. And last but not least; "Safety starts with me."



# Safety Notes



By Stephanie L. Truss  
Health, Safety and Environmental Specialist

June is all about safety. Here's an article from the U.S. Army Combat Readiness/Safety Center:

June is National Safety Month, and senior Army Leaders are asking Soldiers, Department of the Army civilians and their Family members to educate one another on risk and influence behaviors surrounding the leading causes of preventable injury and death.

National Safety Month coincides with the beginning of summer, historically the deadliest time of year for Soldiers off duty.

According to Command Sgt. Major Richard D. Stidley, U.S. Army Combat Readiness/Safety Center, indiscipline is a leading cause of Soldier fatalities, particularly on America's highways.

"We're dealing with somewhat of a paradigm when it comes to safety of the force," Stidley said. "In uniform, in Afghanistan or Iraq, or anywhere else

around the world, our Soldiers operate nearly flawlessly on-duty. But when they get home, back to the states and out of uniform, discipline goes out the window and we lose Soldiers at a rate we cannot afford."

The Army lost 160 Soldiers to accidents during fiscal 2012. Off-duty accidents outnumbered those occurring on duty 4-to-1, with motorcycle and vehicle mishaps comprising nearly 80 percent of losses.

"Private motor vehicles, either two wheeled or four, remain the number one accidental killer of our Soldiers," Stidley said. "Indiscipline leads to reckless behavior, and reckless behavior in any form when you're driving or riding can be deadly."

"We are winning the fight," said Sgt. Maj. of the Army Raymond Chandler. "Accidental fatalities have fallen to peacetime levels even as we continue combat operations overseas. But, we cannot yet declare victory."

To help leaders, Soldiers and safety professionals enhance their personal risk management during National Safety Month, the USACR/Safety Center will launch a dedicated website June 1 at <https://safety.army.mil/NSM>, containing posters, informational videos and feature articles addressing four core topics: civilian injury prevention, ground operations, aviation operations and driving safety.

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AMSMS isn't only benefiting patients. Doctors and their staffs don't have to play phone tag with patients when they don't want to leave a voicemail with lab results.

than either the telephone or regular email. Patient information is only accessible by patients and their healthcare team.

AMSMS was launched to benefit patients through:

- Increased access to their medical care team
- Faster, more successful communication
- Asynchronous communication so provider and patient can communicate on different timelines when convenient
- Encouraging active involvement in their own care as a patient safety strategy by providing educational materials about topics important to their overall health and care and giving patients the ability to access and add to their personal health record

AMSMS isn't only benefiting patients. Doctors and their staffs don't have to play phone tag with patients when they don't want to leave a voicemail with lab results. Nurses can spend less time on the phone and more time with patients when they can answer questions or arrange appointments or referrals through secure email.

It's easy to get started and there's no cost to patients. The benefits include no more waiting on hold to talk to a healthcare professional, and no more phone tag when trying to schedule an appointment or ask a question. To learn more, talk to your primary care clinic about getting connected to Army Medicine Secure Messaging Service.



# USAISR Burn Center Completes First Year in COTO

In an e-mail sent to his staff, ISR Burn Center Director, Col. (Dr.) Evan Renz thanked everyone for their remarkable contribution to the first year of operation in the Consolidated Tower at the San Antonio Military Medical Center. Here's what Renz wrote to his staff: "On Thursday, 24 May 2012, we officially began operations in our 'new' USAISR Burn Center. Together, we worked very hard to accomplish a great deal over the past year. Working together as a multidisciplinary team, we:

- admitted 578 acutely injured patients to the Burn Center plus 205 re-admissions for reconstructive procedures
  - discharged more than 780 burn survivors from Ward 4 East; managed the 'turbulence' with new processes
  - performed more than 775 cases in our twin operating rooms with zero intraoperative deaths
  - contributed to The Joint Commission re-accreditation of the largest military medical center in DoD (27 July 2012)
  - implemented transition from Vigileo to EV-1000 and VolumeView
  - successfully enrolled 14 patients in FDA-monitored ReCell trial
  - realized near-instantaneous lactate measurements and achieved CAP certification in RT ABG Lab
  - implemented ECMO; four patients successfully received therapy with one in progress
  - provided advanced rehabilitation therapy during more than 3600 Burn Rehab outpatient encounters
  - provided outpatient care during more than 4765 clinic visits
  - simultaneously implemented TeamSTEPPS within the Burn Center
  - reorganized the functionality and flow in the integrated Burn Clinic for increased efficiency
  - participated in the development of BRDSS and FDA-approved Burn Navigator
  - provided education to more than 800 residents and students in burn care
  - welcomed our Chief Nurse back to the burn center; welcomed three new Burn Fellows; expanded the role of CNS
  - performed record-breaking 9,600-nm Burn Flight Team mission from Singapore (23 Feb 2013)
  - introduced the only evidenced-based nursing preceptor program specifically designed to transition nurses to the burn environment
  - published more than 20 burn-related articles in peer-reviewed journals; invited to present at dozens of forums and meetings
  - continuously supported ongoing overseas contingency operations in Afghanistan (OEF) through deployment of burn staff to theater
  - hosted the 10-year anniversary and remembrance ceremony for our military burn survivors (7 March 2013)
  - successfully completed ABA reverification as one of the Nation's leading burn centers
  - provided professional and compassionate care to each and every patient, each and every day as we Served to Heal.
- And much, much more, thanks to each of you!  
Thank You All Very Much!"



Members of the ISR Burn Flight Team.



Col. (Dr.) Evan Renz, ISR Burn Center Director, talks about the accomplishments of burn patients during the Remembrance and Recognition ceremony March 7.



Transferring patients from 4N and 4S to 4T in May 2012.

# ISR EMS Day at Elementary School



Some ISR Burn Center staff members teamed up with Joint Base San Antonio-Fort Sam Houston emergency medical service personnel to demonstrate emergency medical procedures and stress summer safety to Fort Sam Houston Elementary School third grade students May 24.

Staff Sgt. Joseph Holtz coordinated the event for the students. "I was pleased with this event," he said. "I had fun with it and I got to work with outstanding people. I am more pleased to have found others willing to do the same."

Top photo: EMS personnel perform simulated wounds dressing to prepare the patient for transport.

Right center: EMS personnel evacuate a patient to be transported to the nearest medical facility.

Right bottom: Hank Holtz is taken care of by one of the EMS team members.

Left bottom: EMS personnel simulated wounds dressing and prepare the patient for transport to the nearest medical facility.

# Around the ISR



Top left: members of the American Burn Association listen to a patient's condition and treatment during morning rounds. Top right: Thomas Walters, Ph.D., and Josh Wenke, Ph.D., brief Dr. Paula K. Shireman May 8. Right center: Lt. Gen. Patricia Horoho poses with Capt. Johnnie Robbins after presenting him with a command coin. Right bottom: Capt. Donald Hawkins presents Sgt. Joel De Leon a Certificate of Reenlistment May 10. Bottom left: Col. (Dr.) Evan Renz conducts a tour of the Burn Center for Emerging Veterans Affairs Leaders May 23. Left center: Jennifer Fedorka donates blood during an ISR-sponsored blood drive at the San Antonio Military Medical Center May 10.

**Around the ISR continued**



Top left: Col. (Dr.) Robert Hale is interviewed by freelance writer Liza Gross May 7. Top right: Sgt. Shanelle McNair signs her reenlistment contract May 3 as her reenlisting officer, Lt. Col. Kenneth Batey, looks on. Right center: Jose Salinas, Ph.D., is interviewed by KSAT-TV reporter Ursula Pari May 3. Right bottom: Cpt. Amy Martino presents a research poster to Col. (Dr.) Michael Weber at the San Antonio Military Medical Center Mall May 9. Bottom center: members of the ISR Special Events Committee hold a fundraiser by selling doughnuts May 17. Lefty Wright, Juanita Huerta and Donaya "Shoke" Ashoka Sr., line up to donate and pick out their favorite doughnuts. Bottom left: Connie Frias cuts a birthday cake May 15.

Back When...



Can you guess who this ISR staff member is?

This photo was taken in 1982 when he was attending technical training at Lowry Air Force Base in Colorado.

Last Month's Answer:



Maj.(P) Lawrence M. Petz  
Pain Management  
Research Area

Library News

The ISR Library has implemented a completely new computerized library systems package as mandated by the USA MEDCOM librarian. All MEDCOM libraries were required to change systems after our server stopped being hosted at AMEDD School C&S. There are many bumps along the road and essentially, we have had to re-do all of our systems.

From the standpoint of the patron, you will not see anything new until you look at our new online "card catalog." We are now using WorldCat, the most comprehensive world-wide library system available. WorldCat has many features most of you have probably not seen before. Just remember it is basically our card catalog. If it says we own it, check the availability online. It will tell you whether it is checked out or not.

The link to WorldCat is: <http://usaisr-lib.worldcat.org/>

You will find this link on our intranet home page also.

We are in the process of developing a new literature search form with the Regulatory Compliance Division and IACUC staff. There is a draft form on the library intranet now under Forms and Publications. You may use that one until a new one is refined. Please do not use the Web-AEFSS form! It is out dated. Your search request will be returned if the new form is not used.

We have a selection of new books available. See the list on the intranet or stop in and browse. We always welcome your suggestions for additions to our collection.

Thank you for using the ISR Library!



May Awards Ceremony

- Army Commendation Medal
- Sgt. 1st Class Michael Popa
- Staff Sgt. Christian Hannon
- Staff Sgt. Seth Holland
- Sgt. Mary Alvarez
- Spc. Billie Durrett

- Army Physical Fitness Award
- Col. Philip Denicolo
- Lt. Col. Kevin Chung
- Lt. Col. Sandra Escolas
- Cpt. Stephanie Dubuc
- Cpt. Kari Rodden
- Cpt. Danielle Schaaf
- Cpt. Jessica Slack
- Cpt. Justin West
- Cpt. Ronald Woodbury
- Sgt. Melissa Arizmendi
- Sgt. Hector Cortez
- Sgt. Timothy Couchman
- Sgt. Virgil Moore
- Sgt. Daniel Zimmerman
- Cpl Jamar Williams
- Spc. Francisco Rosario-Belloso
- Spc. Damian Thomas

- Military Outstanding Volunteer Service Medal
- Lt. Col. Kenneth Batey

- Army Achievement Medal
- Staff Sgt. Tiffany Baldwin
- Staff Sgt. Floretta Sample
- Sgt. Victor Gaines
- Sgt. Angela Lopez
- Sgt. Shanelle McNair
- Sgt. Anntoniette Pierce
- Spc. Yong Lee

Certificate of Achievement

- Sgt. Jorge Cabriaes
- Sgt. Hector Cortez
- Sgt. Mackneil Ramos
- Sgt. William Vidal
- Cpl. Jamar Williams
- Spc. Brian Brown
- Spc. Polly Busman
- Spc. Marites Staley