

# Fort Detrick to Celebrate 250th Army Birthday

By Lanessa Hill, USAG Public Affairs

Fort Detrick will commemorate the U.S. Army's 250th Birthday with a series of special celebrations honoring the Army's legacy of service and sacrifice. These events will take place throughout June, offering Soldiers, families, and the local community an opportunity to reflect on the Army's rich history and enduring traditions.

The festivities will begin with an Opening Ceremony on June 3 at 9 a.m. in the auditorium of Bldg. 1520, which will include remarks from Army leaders and tributes to the Army's legacy.

On June 13 at 12:30 p.m., the Fort Detrick community will gather in the auditorium for the traditional Army Birthday Cake Cutting Ceremony. In keeping with tradition, the installation's oldest and youngest Soldiers will join Garrison Commander Col. Chris Chung for the ceremonious cutting. Immediately following the cake cutting, attendees are invited to explore the Heritage Displays within the auditorium.

Later that day, at 3 p.m., a Retreat Ceremony will mark the end of the day's celebrations. It will begin with opening comments, followed by a Re-Enlistment Ceremony, an Enlistment Ceremony, and an Army Emergency Relief Campaign announcement.

The commemoration will conclude with the Retreat and lowering of the National Colors, honoring the Army's longstanding traditions and commitment to service.

Fort Detrick welcomes all members of the military community to take part in these historic celebrations.



## Counter-Unmanned Aircraft System Training Scheduled for June 9-12

Personnel from Fort Detrick's DES and Signal units are scheduled to receive specialized training on a Counter-Small Unmanned Aircraft System during the week of June 9-12. During this time, drone activity may be visible within the installation perimeter. These drones will be flown throughout the day at varying altitudes and hover briefly before descending.

Please be assured this is a scheduled training exercise.



# Fort Detrick Honors Sacrifice of Fallen and Their Families

By Lanessa Hill, USAG Public Affairs Office

Fort Detrick annually honors and recognizes the sacrifice of our nation's fallen military heroes and their families through a visual display on the installation to commemorate Gold Star Families, occurring this year from May 23 to June 30.

Over 250 U.S. flags and accompanying name placards will line Porter Street on the installation. The placards include photos and the service information of these fallen heroes.

"This visual tribute powerfully reminds us of our service members' sacrifices to serve this great Nation," said Fort Detrick U.S. Army Garrison Commander Col. Chris Chung. "They are testaments to courage, duty, and an unwavering commitment to freedom. Sharing in a family's loss, encouraging, and strengthening our Gold Star Families is our privilege and responsibility."

Fort Detrick Survivor Outreach Services assists families in several counties, including West Virginia, Maryland, and Virginia. SOS provides financial, educational, healthcare, and housing support and resources.





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# Detrick Police Captain Honored with Prestigious DoD Police Leadership Award

By Erickson Barnes, USAG PAO

Fort Detrick Police Capt. Reggie Mose was recognized with a Department of Defense Police Leadership Award at a Pentagon ceremony Tuesday, May 13, during National Police Week. The award was presented at the 2025 DoD Law Enforcement Award & Commemoration Ceremony, hosted by the Office of the Under Secretary of Defense for Intelligence & Security (OUSD I&S).

The Fort Detrick community relies heavily on its police force. Every day, officers like Mose serve the community, ensure safety, enforce laws, and support warfighters by ensuring their families are safe on the home front, allowing service members to focus on their mission with peace of mind.

The distinguished award was presented by John P. Dixon, Director of Defense Intelligence, who oversees counterintelligence, law enforcement, and security for the DoD. Dixon's office is responsible for developing policy and overseeing its implementation across the Department of Defense.

"This achievement is a testament of Capt. Mose's leadership, as he competed against top Law Enforcement professionals in the entire Department of Defense, not just Army," said Nelson Oliveira, Deputy Director of Emergency Services at Fort Detrick. "Congratulations Capt. Mose, we are all very proud of you and are grateful that you are a part of our team."

Mose, who serves as Patrol Captain, is lauded for his outstanding leadership, dedication, and professionalism within the Fort Detrick Police Department and the Directorate of Emergency Services. He oversees all patrol activities and manages the daily operations of policing, directly supervising and mentoring six civilian police Lieutenants covering road patrols, Military Police Investigations, and Traffic Investigations.

According to the award nomination, Mose's "relentless commitment to success through proper guidance, leadership, and setting the standard has been instrumental in the Directorate's overall mission suc-



**Fort Detrick Police Capt. Reggie Mose is joined by family, colleagues, and Fort Detrick's garrison leadership team after being awarded a Department of Defense Police Leadership Award during a Pentagon ceremony, May 13, 2025. (Courtesy photo by Fort Detrick DES)**

cess." His leadership is described as "nothing short of exemplary," consistently exceeding expectations by leading from the front and prioritizing his team's welfare.

Mose's accomplishments include the flawless execution of numerous installation events such as retirement ceremonies, changes of command, and safety stand-down days. He has also been pivotal in enhancing the Army Law Enforcement Reporting and Tracking System (ALERTS) for report writing and developing efficient tracking methods for training records, which received commendation during a recent Higher Headquarters Assessment.

A significant achievement highlighted was Mose's initiative to address attrition rates and applicant quality within the department. He identified competing salaries in the National Capital Region as a root cause and led a team effort to develop a special salary rate packet. Its subsequent approval resulted in a significant pay raise for all police officers, improving morale,

retention, and the recruitment of highly qualified candidates.

Mose has also been deeply involved in complex police investigations, including suspected burglary, theft of government property, demonstrating an unwavering commitment to justice and community safety. He was the driving force behind Fort Detrick's successful 2023 and 2024 National Night Out events, strengthening community and inter-agency relationships. His proactive approach includes participation in Housing Town Halls to address resident concerns and develop crime and traffic reduction initiatives.

The award nomination concludes that Mose "exemplifies the highest standards of leadership and innovation in law enforcement," and his "transformative influence and tireless efforts make him an exemplary and deserving candidate for this prestigious award."

The recognition came during National Police Week, observed May 11-17, 2025, a time dedicated to honoring the service and sacrifice of law enforcement officers nationwide.

# USAMMA holds detachment change of responsibility ceremony

By C.J. Lovelace, AMLC Public Affairs

The U.S. Army Medical Materiel Agency held a Headquarters and Headquarters Detachment change of responsibility ceremony May 2, recognizing its outgoing detachment sergeant, Sgt. 1st Class Adrian Doll, and welcoming his successor, Staff Sgt. Tereso Hernandez.

"Staff Sgt. Hernandez, I have no doubt that you're going to do a great job," Doll said. "You know this organization well ... and I know you'll be a great asset to the team."

USAMMA's Headquarters and Headquarters Detachment, or HHD, provides administrative management, enforcement and accountability of all military personnel for the organization of roughly 300 Soldiers, civilians and contractors. The detachment commander implements unit policies, oversees the health and welfare of the agency's Soldiers and provides leader development to the organization's service members.

USAMMA is one of three direct reporting units to Army Medical Logistics Command, the Army's Life Cycle Management Command for medical materiel. Both units are headquartered at Fort Detrick.

HHD Commander Capt. Paul Abucher presided over the ceremony, which featured the passing of the unit colors to symbolize the change of responsibility and the commander's confidence in his enlisted adviser.

Abucher said Doll's leadership, both as detachment sergeant and in other roles at USAMMA headquarters, helped establish "a legacy that will stay with the organization for years to come."

"It is sad to see you move on," the HHD commander said. "... With that being said, I want you to know that you can be proud of yourself as you move onto the next chapter with a great sense of significant accomplishment."



**Sgt. 1st Class Adrian Doll, right, shakes hands with Master Sgt. Peung Kim following a U.S. Army Medical Materiel Agency detachment change of responsibility ceremony May 2, 2025, at Fort Detrick, Maryland. Doll passed responsibility as detachment sergeant to Staff Sgt. Tereso Hernandez during the event. (Photo by C.J. Lovelace, AMLC Public Affairs)**

Doll's next assignment will take him over to AMLC's support operations team.

In taking up the reigns as detachment sergeant, Hernandez said he plans to maintain consistency in his new role but also pledged to welcome change when necessary.

"USAMMA has a history of great leadership, and I will strive to continue that as the detachment sergeant," he said. "I'll be a leader to the Soldiers under my care, influence those above me and impact my peers. I will always remember to be humble and vigilant and not lose my way."

## Navy Federal Credit Union opens new Fort Detrick branch



Navy Federal Credit Union hosted a grand opening ceremony at their new branch on Fort Detrick, May 12. Daniel O'Hara, Navy Federal's regional AVP, and the Garrison command team joined the branch staff in cutting the ribbon and officially opening for business, serving Fort Detrick through financial education, on-base team member support, and direct access to self-service tools. The Fort Detrick branch is now one of 43 in the Washington, D.C. region, and is located in Bldg. 1520.

"This community is trying to provide the right services to our veterans, retirees, and active duty service members," said Col. Chris Chung, commander, U.S. Army Garrison Fort Detrick. (Photo by Erickson Barnes, USAG PAO)



# Spring Research Festival Demonstrates Medical R&D Integration with Warfighter Requirements

By Paul Lagasse, DHA R&D-MRDC Public Affairs

The annual event for the military medical research and development community had another successful year as a record 800 government, military, academic, and industry professionals convened at Fort Detrick for the 2025 Spring Research Festival Symposium and Exhibition, which showcased the latest innovations in life-saving medical devices and treatments for improving Warfighter survivability, readiness, and lethality.

The Defense Health Agency Research & Development-Medical Research and Development Command and the Medical & Health Research Foundation, with support from member organizations of the National Interagency Confederation for Biological Research, co-sponsored the two-day conference and trade show, which took place April 30-May 1.

Two symposium presentations spotlighted DHA R&D-MRDC's unique capabilities for rapidly commercializing new military medical products to ensure they can be used effectively to help Warfighters maintain their operational effectiveness when operating in chemically and biologically compromised environments.

The first presentation featured Dr. Chandar Thakur, chief of the Medical Devices and Diagnostics Branch at DHA R&D-MRDC's Office of Regulated Activities, discussing how ORA's regulatory affairs, compliance and clinical support professionals guide regulated medical products through the rigorous review process required by the U.S. Food and Drug Administration before they can be considered safe for use by humans. ORA specializes in identifying and mitigating risks early in the product development life cycle, which accelerates the delivery of lifesaving drugs, biologics, medical devices, and combination products to the Warfighter.

"The labs within DHA R&D-MRDC focus on a wide variety of portfolios, anywhere from simple bandages to high-risk medical devices, and our responsibility is to provide the risk mitigation to those product development efforts across the enterprise," explained Thakur, DHA R&D-MRDC's 2025 Employee of the Year. "We are a unique capability within the DOD, and we can work with anyone as long as they have some sort of DOD connection."

The second presentation, by Amanda Corbel, the mid-Atlantic regional coordinator for the Federal Laboratory Consortium for Technology Transfer, focused on the important role that disseminating intellectual property plays in getting life-saving military medical products into the field quickly and cost-effectively. DHA R&D-MRDC's Office of Medical Technology Transfer works with inventors throughout the DOD to identify sources of funding, address regulatory and licensing requirements, find facilities that can develop and test prototypes, and even assist with sales and marketing of their products, helping to ensure that the inventions



**Dr. Chandar Thakur, center, chief of the Medical Devices and Diagnostics Branch at Defense Health Agency Research and Development-Medical Research and Development Command's Office of Regulated Activities, discusses ORA's structure and mission during a presentation at the 2025 Spring Research Festival Symposium and Exhibition at Fort Detrick, May 1. (Photo by Paul Lagasse, DHA R&D-MRDC Public Affairs Office)**

will be mature, de-risked, and ready for manufacture – significantly improving their value to potential licensors.

Dr. Yun-Xing Wang, a structural biologist at the National Cancer Institute, gave the keynote address at this year's event. His presentation, "Why RNA is Fun and More Interesting but Challenging to Study --- A Structural Biologist's Point of View," discussed the latest research being conducted at NCI in support of the development of RNA-based therapies that may someday be

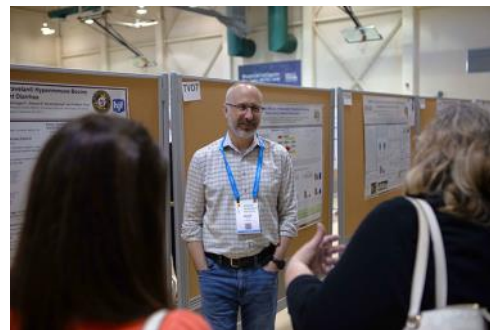
**RESEARCH, continued on Page 6**

used to treat deadly cancers in Service Members, helping improve their fitness and readiness.

The Capt. Jennifer J. Shafer Odom Fitness Center hosted vendor booths for 39 military medical companies, organizations, and professional associations, as well as 95 poster exhibits showcasing advanced research recently completed or currently underway by researchers representing the spectrum of military medicine research and development. Fort Detrick's

Community Activities Center featured education sessions presented by event sponsors as well as the popular Young Investigator Symposium and "poster blitz" session, at which early career researchers practiced their oral presentation skills before a panel of judges.

Attendance at this year's Spring Research Festival was up more than 60% over last year, an indication of the important role the event plays in the military medical R&D community.



**Dr. David Rozak, center, chief of regulated products at the U.S. Army Medical Research Institute of Infectious Diseases, discusses his display.** (Photo by Paul Lagasse, DHA R&D-MRDC Public Affairs)

## 2025 Spring Research Festival Winners

### Outstanding Poster Award

Applied and Environmental Biology: Sarah Alger, Defense Health Agency

Biochemistry and Molecular Biology: Olga Drozdovitch, National Cancer Institute

Cancer Biology: Amit Kumar Singh, NCI, Giana Vitale, NCI, and Sophia Yang, NCI

Clinical Research: Owen Ellington, Frederick National Laboratory for Cancer Research

Detection and Diagnosis: Jacob Rutherford, Defense Health Agency Research and Development-Medical Research and Development Command

Developmental and Cell Biology: Natalie Daigle, NCI

Emerging Technologies: Tracy Doty, DHA R&D-MRDC, Eric Nguyen, DHA, and Bryan Schermerhorn, DHA R&D-MRDC

Gene Therapy, Genome Editing and Genetics: Tran Ngo, NCI

Infectious Pathogens and Epidemiology: Thomas Lidahl, NCI

Informatics: Ozan Kiratli, DHA R&D-MRDC

Immunology: Hongyan Sui, NCI

Other: Ghysella Valdiviezo, U.S. Navy

Scientific Core Services: Yongmei Zhao, FNL

Structural Biology and Chemistry: Alexandra Castroverde, NCI

Therapeutics, Vaccines and Drug Delivery: Denicia Barnes, DHA R&D-MRDC, Gage Pyles, DHA R&D-MRDC, and Ashelyn Siders, DHA

### Poster Blitz Presentation Winners

1st Place: Dr. Aarti Gautam, DHA

2nd Place: Rameesha Mustafa, NCI

3rd Place: Daniel Patterson, DHA

### Young Investigator Award Winners

1st Place: Dr. Rachel Podgorski, U.S. Army Medical Research Institute of Infectious Diseases

2nd Place: Dr. Lidimarie Trujillo-Rodriguez, U.S. Navy

3rd Place: Dr. Chanel Mosby-Tourtellor, U.S. Navy, Dr. Adrien Paskey, U.S. Navy



# AMLC safety stand-down reminds workforce about summertime hazards

By C.J. Lovelace, AMLC Public Affairs

With summer quickly approaching, more people are planning to get into the outdoors or out on the water to enjoy the warm weather with friends and family.

U.S. Army Medical Logistics Command headquarters held a safety stand-down on May 14 to remind its workforce about hazards and increased risks associated with summertime activities, as well as some best practices to stay safe.

Heat-related illnesses, drowning and motor vehicle accidents all tend to spike during the warm summer months, making awareness and precaution common themes during the event.

"It's really all about awareness," said Wally Edwards, AMLC's safety and occupational health manager. "We need the workforce to know about the dangers out there, so they can take precautions and that ensure they stay safe in whatever they do."

"Because the most important thing is that they return to work ready to go as we continue to support the warfighter readiness," he said.

Following opening remarks from AMLC Commander Col. Marc Welde, Edwards provided an overview of the Army Safety and Occupational Health Management System, or ASOHMS, including the plans and procedures that are used to evaluate safety at different unit levels.

From there, AMLC team members broke into groups and moved through stations that covered various topics, such as heat-related injuries, boating and water recreation safety, vehicle and motorcyclist safety, and CPR and AED training.

Presenters during the event included safety representatives from the Maryland Department of Transportation, Maryland Department of Natural Resources, U.S. Coast Guard Auxiliary and Fort Detrick's Barquist Army Medical Clinic.



**ABOVE:** Jacob Doyle, park manager of Fort Frederick State Park discusses snakes, spiders and ticks commonly found in Maryland during AMLC's safety stand-down May 14 at Fort Detrick, Maryland. **RIGHT:** Members of the U.S. Coast Guard Auxiliary discuss boating and water recreation safety. (Photos by C.J. Lovelace)



**Maylis Burns, a basic life support instructor and pharmacy tech at Barquist Army Health Clinic, shows how to do CPR chest compressions and operate an AED during AMLC's safety stand-down.** (Photo by C.J. Lovelace)

"These safety stand-downs are so important because it gives us time to slow down from our busy day-to-day activities and focus on something that we never want to take for granted," Welde said. "The safety of our team, both on and off duty, is our number one priority."

Jacqueline Loeffler, who serves as AMLC's equipment publications control officer, said she enjoys gardening and getting outdoors with her dogs in the summertime, so the session on heat-related illnesses was particularly interesting to her.

"I was unaware of the different levels of heat-related illness. I figured it was just heat stroke that we had to worry about," she said. "It was a good reminder about the warning signs and how to plan ahead to stay cool and hydrated."

AMLC Command Sgt. Maj. Gabriel Wright also emphasized that safety is a vital component of mission success for both AMLC and the Army as a whole.

"It's a mindset," Wright said. "Every Soldier, every civilian here is responsible for protecting themselves and those around them. Without you, our mission – to enable those who provide the best possible care to the warfighter – simply would not happen. So let's stay vigilant, stay prepared and always look out for one another."



# Army medical logisticians wrap up first phase of MEDLOG

By Katie Ellis-Warfield, AMLC Public Affairs

**FORT BRAGG, N.C.** – Medical logisticians and U.S. Army stakeholders recently convened for a three-day strategic offsite to conduct an after-action review of “wave one” and final planning conference for “wave two” of Medical Logistics in Campaigning, or MiC, a major initiative to integrate medical logistics into the broader Army sustainment enterprise.

“We’ve been working toward this for a long time and had never reached a true tipping point – until now,” said Derek Cooper, deputy to the commander at U.S. Army Medical Logistics Command. “This is our opportunity to make integration a reality for all Army units across the force.”

AMLC, the Army’s Life Cycle Management Command for medical materiel, has been tasked by the Army to act as the lead agency for MiC implementation effort.

Wave one, which kicked off Oct. 1, 2024, focused on incorporating medical materiel and maintenance functions into the Army sustainment enterprise, specifically within select active-duty and National Guard units in the continental U.S. and abroad.

“I found it encouraging that stakeholders at all echelons share a clear understanding of the challenges, and more importantly, a collective will to solve them,” said Lt. Col. Travis Helm, director of AMLC’s Strategic Initiatives Group. “The shared sentiment was encouraging.”

A central goal of MiC’s first wave was to integrate MEDLOG operations with the Army’s sustainment system of record, Global Combat Support System-Army, or GCSS-Army.

Using GCSS-Army for medical materiel procurement reduces IT system requirements, unifies the operational picture for senior leaders, enables data-driven decisions, enhances tracking of medical materiel consumption and improves demand forecasting through precision logistics.

The groundwork for this integration began with a tabletop exercise at Fort Bragg last spring. Mid-grade noncommissioned officers and company-grade officers played a key role in shaping initial strategies.

“You are the ones dealing with these issues daily,” AMLC Commander Col. Marc Welde said. “You have the best lessons learned and are best positioned to drive meaningful change.”

Another challenge tackled during MiC wave one was integrating medical materiel into supply support activities, consolidating commodity flow within organic Army capabilities and reducing dependency on medical treatment facilities.

“For the past 40 years, warehousing medical materiel separately from other commodities has been the norm, creating challenges both on the battlefield and in garrison,” Cooper said.

Additionally, the campaign worked to streamline the unit-level ordering process through the development of a centrally man-



**U.S. Army stakeholders, and medical logisticians from Fort Detrick, recently convened at Fort Bragg for a three-day strategic offsite.** (U.S. Army photo)

aged catalog that enables more efficient materiel management and improved integration with supply channels.

“MEDLOG integration into G4/S4 channels is essential,” Helm noted. “We must address issues like long lead times through rigorous analysis, management and action across all echelons.”

Wave one also laid the foundation for expanding the Home-Station Medical Maintenance Support, or HMMS, program, which provides regional maintenance support to units without assigned biomedical equipment specialists in accordance with AR 750-1. This capability enhances equipment readiness while reducing costs.

“HMMS is a crucial advantage for the Army, ensuring operational forces have medically ready equipment exactly when and where needed,” said Chief Warrant Officer 3 Richard Hendricks, HMMS director. “It places maintenance assets closer to the point of need, accelerating turnaround times and returning critical capabilities directly to the fight.”

Since its launch in 2024, HMMS has received nearly 1,000 medical device work orders, leading to measurable improvements in readiness.

“The HMMS concept demonstrated its effectiveness during real-world demands at one of the Army’s largest power projection platforms – Fort Bragg,” Hendricks said. “It proved invaluable in rapidly restoring mission-critical medical devices and directly boosting operational capability.”

This recent strategic offsite also served as the final planning conference for “wave two,” which is scheduled to begin Aug. 1. The five-wave implementation plan is set to be completed by 2028.

“By Integrating into the Army sustainment enterprise, MEDLOG in Campaigning is reducing risk and redundancies, increasing efficiency, and improving resource prioritization. This makes us a faster, more lethal Army,” Helm said.



# RIID Microbiologist Earns Civilian Distinction for Contributions

By Danae Johnson, DHA R&D-MRDC Public Affairs Office

In the future, biodefense will rely in part on military medicine assets from the Defense Health Agency Research & Development-Medical Research and Development Command to protect Warfighters from current and future threats. Some of those assets are people such as Ashely Piper, the command's first Employee of the Quarter for 2025, who dedicates herself to advancing emerging research.

As a research microbiologist at the U.S. Army Medical Research Institute of Infectious Diseases' Viral Pathogenesis Branch, Piper is part of a nearly 60-year history of the institute detecting and defending against current and emerging biological threats. The research that Piper conducts for the institute helps make DHA R&D-MRDC a leader in global health security and in regions where Warfighters are often deployed.

"Ms. Piper's exceptional technical and leadership skills were keys to the successful planning and execution of pivotal animal model studies in support of the Institute of Infectious Diseases' mission of developing medical countermeasures against emerging biothreat agents," said Maj. Gen. Paula Lodi, commanding general of DHA R&D-MRDC.

Piper has been fortunate to call the institute her home and career for nearly two decades. Early in her journey, tenured researchers helped her to develop a deep understanding of infectious disease research focused on the Warfighter. But as long as Piper has been at USAMRIID, she feels in a literal sense, she is training the next generation of scientists.

Some of the junior enlisted Soldiers she trains may have hospital or lab experience, but often lack experience operating in a biosafety level environment. Piper addresses this by beginning their training in lower-level labs, and once they are ready, she transitions them to BSL-3 or BSL-4 labs to provide them with more in-depth virology experience.

As she leads the virology division's animal studies, she teaches junior enlisted one of the most established and reliable methods in virology: plaque assays, a measure of adding virus particles to permissive cells and applying a semisolid overlay that limits the spread of infection to neighboring cells, thus causing cell death leading to the formation of plaques. Plaque assays are a skillset that Sgt. Adam Crawford, a medical laboratory technician at the institute's Viral Pathogenesis Branch, says is one of things that he and other Soldiers commonly agree what makes Piper, in his words, "simply awesome" in her mentorship.

"USAMRIID is my first research assignment, which operates differently from my other duty assignments, not just in security,



**Dr. Ashley Piper, research microbiologist at the U.S. Army Medical Research Institute of Infectious Diseases, conducts research in the lab. (U.S. Army photo)**

but in practical science. I had never grown cells or produced plates of plaques to count. Ashley helped me learn what works best for me as she is a subject matter expert who I can rely on no matter what virus or procedure we are working on," said Crawford.

Aspects of chemistry and biology have interested Piper since she was a teenager. Although her work currently focuses on virology, her educational background in chemistry occasionally proves helpful when her team conducts studies. Today, some of the medical countermeasures that Piper is studying includes pathogenic responses to different diseases like Chikungunya, a common mosquito-related virus in tropical and subtropical regions where U.S. military assets are present, and developing treatments for approval by the Food and Drug Administration.

After the initial 1976 Ebola outbreak, the DOD responded with a whole-of-government approach, developing vaccines and diagnostic tools for patient care. As the virus reemerged over the years, Piper became one of the institute's subject matter experts studying an Ebola viral response, and so much so, in 2014 she traveled from Fort Detrick, Maryland to Fort Campbell, Kentucky to train Soldiers deploying to a region in Africa with a current outbreak, helping them defend themselves against the threat.

"Being a part of the response team those two weeks at Fort Campbell was one of the most memorable parts of my career," said Piper. "It was a rewarding feeling to know that I had a direct impact in training our military personnel during the Ebola outbreak in 2014."

# AMLC hosts summit for Healthcare Technology Management Week

By C.J. Lovelace, AMLC Public Affairs

Behind the scenes, healthcare technology management professionals are a small, yet mighty force and represent the glue that binds the medical continuum of care together throughout the Department of Defense.

In the Army alone, almost 700 active-duty enlisted Soldiers and warrant officers are responsible for maintaining nearly 90,000 medical devices in support of the operational force, according to Command Sgt. Maj. Gabriel Wright, who recalled the significance of medical maintainers during a deployment to Afghanistan.

"If it wasn't for the ingenuity of our 68As [Biomedical Equipment Specialists] ... without those maintainers, we would not have been able to provide care to the warfighter and we would surely have lost more lives," Wright said.

U.S. Army Medical Logistics Command hosted a two-day summit in May at Fort Detrick in recognition of Healthcare Technology Management Week, bringing together dozens of HTM subject-matter experts across the Army, Navy, Air Force and other DOD-level agencies.

The event included reports from the services and distinguished guest speakers,



**Chief Warrant Officer 4 Jerry Schmaljohann provides opening comments during a Healthcare Technology Management Week summit, hosted by U.S. Army Medical Logistics Command May 21-22 at Fort Detrick. (Photo by Katie Ellis-Warfield, AMLC)**

as well as team-building events, equipment demonstrations and career field and project updates.

Chief Warrant Officer 4 Jerry Schmaljohann, who serves as AMLC's senior warrant officer advisor and top medical maintenance expert, said he was happy the event was able to bring together so

many stakeholder voices and build synergy across the DOD HTM community.

"For as small of a field as we are, I was really pleased not just with the support from within the building, but also the external commanders and organizations across all services," Schmaljohann said. "It just goes to show that we are all in this fight together and the HTM community is a tight-knit group, willing to lead the way as we navigate transition and improve joint operational support."

The themes of transition and transformation have been common talking points throughout the DOD in recent months. HTM leaders are embracing this change as necessary steps to adapt to future battlefield conditions and evolving technology, such as AI and additive manufacturing, while becoming a leaner and more agile fighting force.

"Be comfortable with the change," said Chief Warrant Officer 5 Deanna Hughes, senior warrant officer advisor to the Army surgeon general and command chief warrant officer for U.S. Army Medical Command.



**Army and Navy medical maintainers participate in a team-building event during a Healthcare Technology Management Week summit, hosted by U.S. Army Medical Logistics Command May 21-22 at Fort Detrick. (Photo by Katie Ellis-Warfield, AMLC)**

**HTM, continued on Page 12**



# USAISR partnering on imaging technology for improving triage

By Paul Lagasse, DHA R&D-MRDC Public Affairs

Uncontrolled blood loss from traumatic injury is the leading cause of preventable death on the battlefield, which makes prompt and accurate triage essential for maximizing Warfighter survival. However, the body's own defense mechanisms can make it difficult to identify someone at greatest risk for the early onset of shock. A new technology that builds on pioneering research conducted at the U.S. Army Institute of Surgical Research may soon enable care givers to assess patient risk more quickly and accurately using data collected from ordinary digital cameras, thereby improving the survivability of combat casualties and increasing the combat power and effectiveness of field units.

Traditionally, medical professionals assess a patient's status by relying on the patient's vital signs – blood pressure, heart rate, and oxygen saturation. However, when subject to traumatic blood loss, the human body automatically engages a survival mechanism – called the compensatory reserve – that concentrates the remaining blood near the heart, brain, and other vital organs. This results in these standard vital signs to remain relatively normal for a time until the body can no longer compensate for the blood loss, triggering what doctors call a “crash” that is often fatal.

“It's analogous to driving your car and being unsure of how much gas you had left because the gas gage doesn't change until the very end, just as you are about to run out of gas,” explains Dr. Victor Convertino, USAISR's senior scientist for combat casualty care and director of the Battlefield Health and Trauma Center for Human Integrative Physiology. “You may be able to drive for 300 miles, or you may only have three miles left. That's the challenge we're faced with.”

Convertino's groundbreaking research into the body's inherent physiologic compensatory mechanisms led to the development of the compensatory reserve measurement, or CRM, a machine-learning algorithm that provides a more reliable prediction of hemorrhagic shock risk than traditional vital signs.

In addition to providing medical care providers with a more accurate assessment tool for hemorrhagic shock, the CRM is the first monitoring technology that can assess the blood volume status of an individual patient regardless of the patient's individual tolerance for blood loss, which determines how quickly they will crash from an ongoing loss of blood. This has long been a mystery for clinicians; Convertino calls it a “curveball” that can catch even the most attentive doctors and nurses off guard.

To put this new diagnostic capability into the hands of medical professionals and Warfighters, Convertino, Dr. Jose Salinas, and Dr. Eric Snider of USAISR's Automation and Engineering Group – one of five research groups within USAISR focusing on using state-of-the-art technologies such as advanced artificial intelligence to address critical medical gaps – have teamed up with health software firm Presage Technologies to incorporate



**Dr. Victor Convertino, second from right, works with colleagues to place monitors on a volunteer in the U.S. Army Institute of Surgical Research lower body negative pressure chamber to collect physiological data as part of a research protocol. (Photo by Steven Galvan)**

the CRM algorithm into a new software application that could transform battlefield triage of trauma-induced hemorrhage.

The software builds on work that Presage has done with several DOD clients to demonstrate that commercial grade video cameras – such as those used in drones, webcams, and smart phones – are capable of capturing microscopic movement and color changes in a person's skin caused by their pulse. The software converts those changes into a waveform that can be compared against the CRM algorithm to predict the patient's risk of slipping into shock. Presage has developed the software to the point where it is ready for submission to the U.S. Food and Drug Administration seeking its clearance to legally market the software for use in novel military and civilian medical applications.

With such a capability readily available, medics operating in a combat environment could use drones to observe injured Warfighters without risking injury to themselves, for example. Nurses responding to a mass casualty incident could use their phones to perform triage using just a few seconds of video footage for each patient. Physicians would be able to continuously monitor patients postoperatively for signs of internal bleeding, shock, and sepsis. Such cutting-edge, deployable trauma care solutions promise to materially improve Warfighter survivability and lethality.

As part of this effort, the Metis Foundation, a San Antonio-based nonprofit that supports military medical research, is providing extramural assistance for the project using funding provided by the Medical Technology Enterprise Consortium, a nonprofit international group of over 600 academic institutions, businesses, nonprofits and other organizations in the biomedical technology

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In planning for large-scale combat operations across multiple domains, Hughes cautioned that the military would endure “the greatest number of casualties that we have ever seen,” spread out over wider areas as technologies and mobility increases.

“We will be overwhelmed in casualties,” she said. “That means that we have to rethink how we do business. We need to get medical devices as far forward as possible, and BMETs have to be there as well.

“This is serious business,” Hughes added. “You’re not just fixing equipment. You’re enabling the fight.”

The summit’s second day was capped off by a senior leader question-and-answer session, followed by the presentation of the 2025 Dean Ohlsen HTM Awards of Excellence, which are presented annually to one warrant officer, one enlisted Soldier and one Army Civilian.

The winners this year were:

Chief Warrant Officer 3 Richard Hendricks, director of Home Station Medical

Maintenance Support, U.S. Army Medical Materiel Agency, Fort Detrick, Maryland

Staff Sgt. Yazmin Sheridan, chief of Healthcare Technology Management, Carl R. Darnall Army Medical Center, Fort Hood, Texas

Wendell Johnson, logistics management specialist, Aviation, MEDLOG and Electronics, G4, U.S. Army Forces Command, Fort Bragg, North Carolina

Now in its fifth year, the award is named after the late retired Sgt. Maj. Dean R. Ohlsen, who is known as a pioneer in the HTM community. Ohlsen gave over 60 years of combined service as a Soldier and Army civilian, dedicating most of his life to the advancement of the Army’s medical maintenance career field over his decades of governmental service.

Hendricks said he was one of several in the room who personally worked with and knew the late Ohlsen’s passion for the profession, “so it’s really cool to receive this kind of award.”

Sheridan and Johnson could not attend the event but accepted their awards virtually.

Reflecting on HTM Week, Wright reiterated that HTM professionals ensure readiness and serve as a force multiplier to keep service members, their families and DOD beneficiaries safe and healthy.

“HTM Week allows us to recognize the great work of this community and the importance it holds for medical readiness throughout our DOD,” he said. “You can’t do the patient care without providing maintenance to those pieces of equipment, so I want to thank all of you.”

**2025 Dean Ohlsen HTM Award of Excellence winners:**

Warrant officer – Chief Warrant Officer 3 Richard Hendricks, director of Home Station Medical Maintenance Support, U.S. Army Medical Materiel Agency (Fort Detrick, Md.)

Enlisted – Staff Sgt. Yazmin Sheridan, chief of Healthcare Technology Management, Carl R. Darnall Army Medical Center (Fort Hood, Texas)

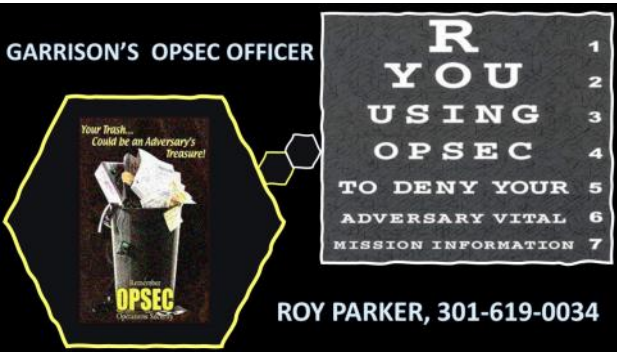
Civilian – Wendell Johnson, logistics management specialist, Aviation, MEDLOG and Electronics, G4, U.S. Army Forces Command (Fort Bragg, N.C.)

sector. Convertino says that the foundation’s participation has been crucial for ensuring the success of the project.

Convertino hopes that the collaboration with Presage to develop diagnostic capabilities for digital cameras will be the first of many innovative applications of the CRM, which he and his colleagues have spent years researching and refining.

“The beauty of the CRM algorithm is that it was purposely built to be hardware agnostic,” says Convertino. “We can team with

almost any industry partner who has a monitoring capability, integrate the algorithm into it, and then they can bring their device to the FDA as a software upgrade that doesn’t require a lengthy approval process as a new medical device. That will help speed our ultimate goal, which is to get this capability into the hands of medics, whether they’re military or civilian, so it can help them save lives with earlier lifesaving interventions.”





# AMLC supports reserve training mission through DET 7 program

By C.J. Lovelace, AMLC Public Affairs

U.S. Army Medical Logistics Command is continuing its partnership with the Army Reserve to provide training opportunities for reserve Soldiers in an active-duty setting.

Utilizing a program through its higher headquarters, AMLC hosted several reserve Soldiers from Army Reserve Sustainment Command's Detachment 7 program in May.

"DET 7, as it's commonly called, supports U.S. Army Communications-Electronics Command units with reserve Soldiers who can complete their annual training requirements in functional commands, including us here at AMLC," said Lt. Col. Ibrahim Kabbah, AMLC's Reserve liaison officer. "At the same time, we can benefit from the supplemental manpower."

AMLC, headquartered at Fort Detrick, is a direct report to CECOM.

Under the DET 7 program, each Soldier spends about two weeks training at their selected command. At AMLC, two Soldiers worked alongside sustainment experts in the command's Integrated Logistics Support Center and another within the logistics and supply cell.

"It was very interesting to see how the headquarters environment functions and how strategic planning enables the units on the ground," said Capt. Jonathan Tamayo, one of the reserve Soldiers who participated in this year's training rotation.

Tamayo and Staff Sgt. Aisha Harper, who both have a clinical background in nursing, worked within the ILSC's Logistics and Technical Support Directorate to help establish processes and support the improvement of medical supply chain and maintenance operations in accordance with Army regulations and goals.

"AMLC was in need of clinicians to assist with this project, where we identified line items and reviewed stock lists to validate different types of medical materiel and how it could be used to support the force," Harper said.

Traditionally, military treatment facilities and the different services have ordered medical equipment and supplies on their own to suit their individual needs. AMLC's ILSC has been working to consolidate and streamline the medical supply catalog to improve overall asset visibility, increase readiness and reduce costs where possible.

"Essentially, we provided some of that clinical expertise to say, well, you have on this on hand and this serves the same function as this, so can it be used for that?" Harper explained.

"Medical logisticians rely heavily on clinical personnel to determine if a product is interchangeable and suitable to meet the needs of the customer, avoid redundancy and unnecessary excess in stocked items and across the master medical catalog."

In another area of AMLC, Capt. Vanessa Vasquez supported logistics and supply staff in developing compliance checklists



**Army Reserve Staff Sgt. Aisha Harper, center, briefs Leigh Anne Alexander, left, director of U.S. Army Medical Logistics Command's Integrated Logistics Support Center, on her work at AMLC as part of U.S. Army Communications-Electronic Command's Detachment 7 program.** (Photo by C.J. Lovelace, AMLC Public Affairs)

and operating procedures in support of supply management programs and maintenance operations.

Vasquez said it was interesting to work at the headquarters level and see how the strategic level operates.

"It's very new to me and I'm grateful for this opportunity and experience to work with the management specialists here at AMLC," she said. "There was a big learning curve here, not working with any medical personnel or field units directly, but it was interesting to understand how AMLC's work affects the entire medical enterprise."

Comprised of six teams with different disciplines of expertise, the DET 7 program was developed to better align with modern defense strategies that focus on shaping the force and Army formations that are more integrated, agile and flexible.

Maj. Tanishia Greene, military deputy director for the ILSC, served as the primary planner and coordinator for the DET 7 Soldiers' mission at AMLC. She underscored the value that the collaboration provided to an important ongoing ILSC initiative.

"Our Detachment 7 teammates have proven to be an invaluable asset to support not only our internal mission as the life cycle logistics manager for Class VIII, but also as we support the Army's Medical Logistics in Campaigning initiative to curate the master medical catalog," Greene said.

Kabbah credited Greene's work in making this round of training with DET 7 a great success for all parties, adding that the program also brings reserve Soldiers into the fold on MEDLOG operations as the Army prepares for future conflicts.

"These reserve Soldiers are so crucial to our enterprise when we go to war," he said. "Through this program, we're building our bench, and it can't be understated how important it is to have Soldiers who are trained and ready to fall in on our assets, such as our forward-positioned stock sites, and not miss a beat."

"This program is part of that puzzle to maintain high levels of medical readiness."

# News - Events - Training

## Barquist Reduced Hour and Clinic Closures

19 JUN: Federal Holiday– CLOSED

27 JUN: Reduced Hours of Operation - Closing at Noon

## Road, walking path closures near Beasley, Davis

A construction project will impact pedestrian and vehicle traffic near Beasley Drive until mid-June. Please treat all areas with posted signs as off limit areas.

### Pedestrian Closures:

- The perimeter walking path remains closed between Ware Drive and Building 393.
- The sidewalk behind Building 375 is now open.

### Road Closures:

- Doughten Drive & Ditto Avenue: ongoing water line replacement will cause intermittent lane closures.

- Construction vehicles on Beasley Drive may impact traffic throughout the work day.

## 2024 Drinking Water Quality Report available

Fort Detrick's 2024 Drinking Water Quality Report is now open for community review. This report provides an overview of water quality data collected by water suppliers to ensure compliance with drinking water regulations.

The report is accessible through the following:

- The Environmental Division, 9255 Amber Drive.
- Electronic copies available to family housing units.
- Both hard and electronic copies provided to organizations and mission partners.

For more information, call Jairus Slagle, Fort Detrick, Directorate of Public Works, Environmental Division at: 301-619-0327.

# VACATION BIBLE SCHOOL

Ft Detrick Chapel

JULY 14 - 18, 5:30 - 8:30 pm

K\* - 5th Grade

301-619-7371



FREE Registration at the Chapel

\*Must have completed K



Come enjoy some of our Outdoor Equipment, Newly Renovated Playground and Driving Range and Closest to the Pin (Chipping Contest)

June 26, 2025  
4-6PM



YOU'RE INVITED TO THE COOKOUT

**Outdoor  
Recreation Day  
and  
Independence Day  
Celebration**



**NEW  
INFLATABLES!**



**NEW POP-UP  
CAMPERS!**

**AND MORE!**

Nallin Recreational Area  
Nallin Farm Pond Road  
Fort Detrick, Maryland 21702

**Call 301-619-3972 for more information**



# FMWR Outdoor Recreation Day

Thursday, June 26th  
Nallin Farm Pond Road  
Fort Detrick, MD 21702  
4pm-6pm



## BOSS

Closest to the pin  
(Chipping Contest)

### Rules/ Prizes:

- Each player gets three tries (Golf Balls are provided)
- Players may use their own or provided clubs
- Winner(s) receive 1 Free Bucket of Range Balls
- Hole-in-one will receive 3 Free Buckets of Range Balls.
- Players whose ball lands closest to the pin wins (there may be multiple winners)

