

MEET DR. WEBER

Meet the New Program Executive Officer, Dr. Yvette Weber

Welcome to our new Program Executive Officer, Dr. Yvette Weber, who joined Defense Healthcare Management Systems in July 2024. Dr. Weber most recently served as the Associate Deputy Assistant Secretary of the Air Force for Science, Technology, and Engineering, Office of the Assistant Secretary of the Air Force (Acquisition, Technology, and Logistics). Before this, she served as the Air Force Deputy PEO, Weapons and Deputy Director, Armament Directorate, Air Force Life Cycle Management Center, Air Force Materiel Command, Eglin Air Force Base, Fla.

The Scope spoke with Dr. Weber to learn her background and vision for the program.

Greetings, Dr. Weber! We're so happy you've joined us. Could you tell us a little bit about yourself outside of work?

I am married and have two grown sons. I met my husband, James, in graduate school at the University of Maryland, where we both received Doctorates in Engineering from the same advisor in Hypersonics, which, if you're not familiar, is the study of flight at speeds equal to or exceeding five times the speed of sound. He is currently an executive with the DOD, Principal Director for Hypersonics, Office of the Under Secretary of Defense for Research and Engineering. People who know us call us "Dr. Mrs." and "Dr. Mr." to distinguish us!

My oldest son Matthew is a physical therapist and clinical specialist at Johns Hopkins Medicine. My younger son Zachary, who has a Master of Science in Public Health, is an informaticist working toward his Ph.D. in Genetics, Genomics and Human Systems at the University of Chicago. He is also a budding photographer in his spare time.

I spend a lot of my energy supporting my children and their interests. I am also a dog lover and spend a lot of time with my rescue dog, Ally, a "border-collie wannabe." I am an avid reader, walker, love to hike and cook, and enjoy practicing my faith and going to church. I also enjoy mentoring and volunteer my time helping people achieve their professional goals.

What accomplishment are you most proud of from your time with the U.S Air Force?

I have lots of proud moments in my 32 years with the Department. I was part of scientific firsts, fielding of systems for the global war on terrorism, supporting the Chief of Staff of the Air Force priorities for predator/reaper combat aircraft patrols, delivering re-engineered

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C-5 Galaxy aircrafts that enabled the retrograde of equipment from Afghanistan and Iraq, and restoring our inventories of key weapon systems. I've been at the forefront of developing the world's most efficient propulsion systems and hypersonic weapons. However, I'm probably most proud of the people I mentored and the role I had in leading the science and technology workforce in my previous position. I benefited from the strong workforce development programs we have in the Air Force, and I continue working to give back to this and many other functional communities to boost our workforce and recruit the next generation.

What attracted you to this position and military health care?

The first thing that attracted me was the mission. We owe it to our military to provide the best health care we can, and we need to enhance both the patient and the provider experience! We also have a tremendous amount of data that can be used to accelerate research and speed us to proactive health care solutions, which ultimately improve readiness to the force and better outcomes for our nation.

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MESSAGE FROM THE PROGRAM EXECUTIVE OFFICER



– Dr. Yvette Weber

Welcome to this year's third edition of The Scope. As I've gained familiarity with our products and personnel, I marvel at the passion of our workforce and the evolution of our program. Read more about my early observations and future visions in the cover story.

Inside you'll read about our footprint at the Defense Health Information

Technology Symposium, where we demonstrated the complete patient experience through the capabilities that connect the federal EHR. Program personnel spoke in 12 breakout sessions that spanned the breadth of our product portfolio. We also showcased capabilities at the Military Health System Research Symposium at the end of August and spoke at a variety of forums throughout the last several months.

This summer we deployed MHS GENESIS to expanded U.S. Coast Guard clinics and sites and released Capability Block 11, which included deployment of Digital First Converge for scheduled virtual appointments to five venture sites. EIDS' Pharmacy Data Integration Initiative pushed all MHS pharmacy data to the MIP, providing greater insights on patient population and pharmaceutical costs. JOMIS resolved all needed incident reports from its January operational assessment, driving toward its full operational assessment that is in progress this month.

Our leadership team is collaborating on strategies, goals, and overall vision for our future. Through teamwork, I'm confident that we'll continue to provide the best solutions to improve health care outcomes and data availability for our Service members, veterans, and their families.

– Dr. Yvette Weber, Program Executive Officer, PEO DHMS



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Second, from a professional growth standpoint, after almost five years on the Pentagon staff, I sought new challenges and areas for growth. To provide IT and connect the right information to the right person at the right time is a challenge we all have as we focus on the future fight. I am excited to advance this cause for health care.

What has surprised you about the program?

Every element of DHMS is evolving and everyone here aims to be world class at their individual areas of expertise. No one stands still, with every element striving to be better! DOD Healthcare Management System Modernization – a program that had just completed deployment across all DOD garrison hospitals and clinics – is transforming to be the best at continuous capability delivery. Joint Operational Medicine Information Systems embraced our organization's evolution and took on a complex system integration and is accelerating toward deployment of joint operational medicine tools. Enterprise Intelligence and Data Solutions is embracing organic management of the MHS Information Platform and leading the way for the Assistant Secretary of Defense for Health Affairs with artificial intelligence and machine learning for health care. All our business services, similarly, benchmark to a world-class standard and continuous improvement. Finally, I'm continually amazed and excited by our workforce's passion for the mission at every level!

What excites you about the future? Where do you see DHMS a year from now?

I am excited about the optimization journey ahead of us! I am incredibly proud of all that DHMS has accomplished in the deployment of MHS GENESIS to the DOD and our federal partners, the development and soon the deployment of OpMed tools, and in ensuring the preservation and availability of legacy data. Now a new era is beginning, one that focuses on accelerating the productivity and effectiveness of our existing products, fielding and optimizing new products that address and anticipate customer needs, and targeting innovation to enable the future now. I look forward to partnering with industry, our federal stakeholders, and, of course, our end users to deliver value. I am also excited to mature and optimize DHMS internal organization and processes to best meet these goals. Finally, I am especially excited to invest in our workforce to unlock even more creativity and acquisition acumen. Together with each other, our federal partners, stakeholders, and users, we are just beginning to unlock the potential that these systems offer. This journey won't be easy – available resources will set the pace – but we have the dedicated team, focused on the mission, that's ready to take it on. Personally, I am ready and excited to travel with you!

MHS GENESIS CAPABILITY BLOCK 11

Capability Block 11 — launched in August 2024 — benefits end users and patients by automating dietary ordering, improving patients' ability to manage appointments, and enhancing radiology billing.

Upgrades include:

Computrition Interface Optimization automates the transmission of tube feeding, oral supplements, and other dietary orders from MHS GENESIS to Computrition.

My Military Health Scheduled Virtual Visits improves reliability, accessibility, and integration with MHS GENESIS. This applies to five DHA Venture (pilot) locations.

Radiology Split Billing assigns charges automatically based on location to ensure accurate billing for cases where one site performs a radiology order and sends it to another site for reading and interpretation.

MHS Video Connect (MHS VC) 1.3.11.0 improves appointment notifications via DHA Texting Solution.

Patient Portal Modernization Part 3 improves patients' ability to view and manage appointments and communication preferences.

JOMIS SAYS GOODBYE MSAT, HELLO MEDCOP

JOMIS decommissioned its legacy medical command and control application, Medical Situational Awareness in the Theater, after more than a decade of military use. Medical Common Operating Picture, or MedCOP, first released in late 2020 following the onset of COVID-19, replaced MSAT.



The Go-To Protocol Before Google Maps

MSAT was the combatant commands' go-to tool to make medically informed decisions across the modern-day battlefield. Long before the days of easily accessible cell-phone mapping applications, MSAT provided theater-wide situational awareness through maps on the classified network.

MSAT was integrated with limited data sources and used consolidated manual reporting from various medical headquarter units to provide leadership with an up-to-date understanding of critical items such as blood inventory, medical supplies, and equipment. This information allowed users to balance resources based on demands, health trends, and other patient care issues.

MedCOP is Not "One-Size-Fits-All"

MedCOP is an agile-based product that modernizes command and control and medical situational awareness and improves upon MSAT's capabilities. MedCOP is flexible and leverages a secure, continuously updated pipeline to add new and emerging capabilities at an accelerated

MHS INFORMATION PLATFORM PHARMACY DATA WAREHOUSE NOW LIVE

EIDS went live with its Pharmacy Data Warehouse Initiative in May, bringing all military pharmacy data into the MIP. This project, now known as the Military Health System Information Platform-Pharmacy Data Warehouse (commonly referred to as the MIP-PDW), created a central repository for prescription medications dispensed to TRICARE beneficiaries, allowing DHA to monitor and track drug utilization, provider prescribing patterns, reduce costs, prevent fraud, and improve the quality of its prescription services for TRICARE's beneficiaries.

"The migration of the pharmacy data warehouse enhances interoperability, improves access times, and reduces overall costs of ownership," said Edward C. Norton Jr., chief, Pharmacy Operations Division.

The MIP-PDW includes legacy pharmacy data and all of its existing interfacing systems [TRICARE Pharmacy input data, LexisNexis, National Council for Prescription Drug Programs, and First Data Bank (reference files)]. The Pharmacy Data Warehouse go live brought all MHS pharmacy data onto the Amazon Web Services Government Cloud with all its corresponding cyber monitoring and controls. Additionally, since all MHS pharmacy data is now stored in a government owned and operated warehouse, centrally located within DHA, authorized users now have easier access.

pace from MSAT's update cycle. MedCOP provides intuitive, customizable, and shareable dashboards whereas MSAT provided a less user-friendly one-size-fits-all dashboard.

MedCOP consolidates data from many disparate data sources and supports data synchronization across multiple network domains to provide a universally accessible, situationally relevant, and globally integrated medical common operating picture.

MedCOP is the Future Medical Solution

From the perspective of a medical planner, a detailed, single source of truth and centralized medical command and control tool will always be necessary within the DOD. MSAT was a first-of-its-kind visual capability that DOD medical commanders could rely on to make critical resource decisions directly affecting patient care. However, MedCOP is a joint all-domain command and control solution for the next generation of DOD medical leaders to continuously improve and employ to save lives as American Forces succeed in the next great power competition.

WANT TO LEARN MORE?

If you're interested in learning more about MedCOP, please visit the [JOMIS milSuite Community](#) for fact sheet info and points of contact.

MODELING BEST PRACTICES, DHMS LEAVES FOOTPRINT ACROSS THE U.S.

DHMS shared new technology advancements and brought product demonstrations to thousands of people at health care-focused events this summer.

DHITS24 – August 20-22, 2024

The Defense Health Information Technology Symposium, an annual three-day DHA-sponsored event that convenes government, military, and industry health information technology and management professionals, provides a forum for showcasing and discussing MHS products, innovations, and goals. DHMS personnel spoke at 12 break out sessions. Dr. Weber discussed DHMS' optimization priorities, data-driven goals, and upcoming OpMed deployments in a federal EHR leadership plenary session with FEHRM Director, Bill Tinston and VA EHR Modernization Integration Office Program Executive Director, Dr. Neil Evans. In the exhibit hall, DHMS showcased the complete patient experience through the federal EHR and data capabilities in the MIP.



For the first time, DHITS conference attendees viewed how a patient's data flows from point-of-injury through veteran care using the federal EHR.

IDGA Veterans Affairs Healthcare Summit – July 23-24, 2024

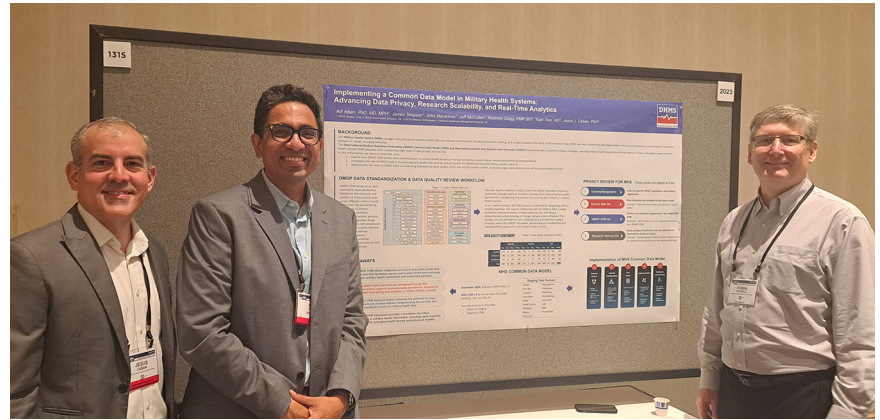
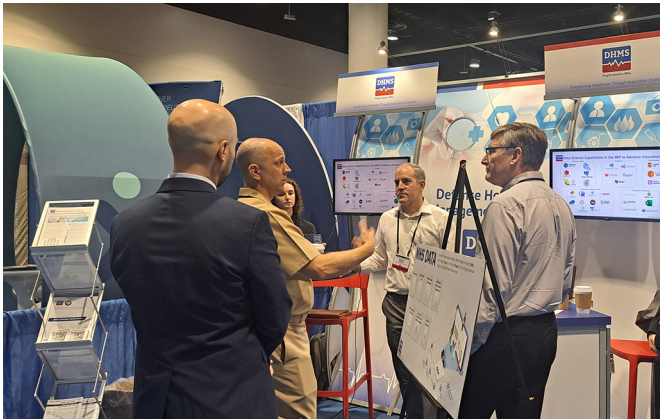
A high-powered group of panelists participated in a discussion at the Institute for Defense & Government Advancement Veterans Affairs Healthcare Summit, which brings together partners across the military, government, private and nonprofit health care sector, academia, and consultant communities to learn, connect, and share best practice on how to improve health outcomes, care access, and delivery of care to our nation's veterans.

The panel of Dr. Weber, Mr. Tinston, Dr. Evans, and Mr. James Gfrerer discussed the status of the federal EHR, including lessons from DOD and VA deployments.



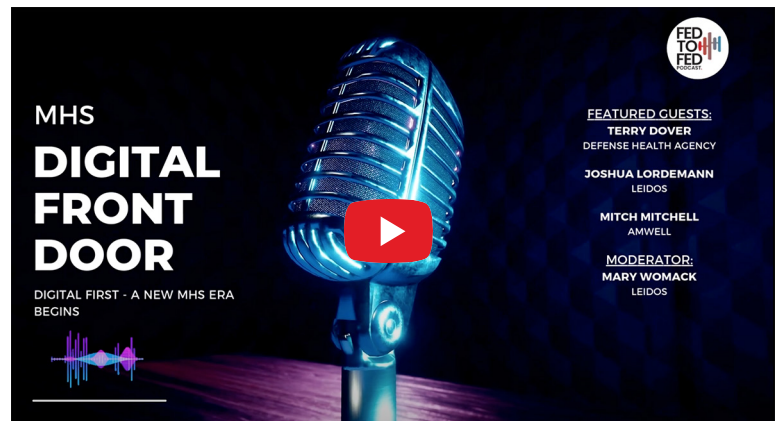
MHSRS – August 26-29, 2024

DHMS showcased capabilities at the Military Health System Research Symposium, DOD's premier scientific meeting focusing specifically on the unique medical needs of the warfighter. On the exhibit floor, subject matter experts from the EIDS program management office presented topics ranging from data literacy to MHS GENESIS data to enterprise data science capabilities. EIDS also presented three scientific posters during the event. The educational symposium drew approximately 4,000 attendees.



DHMS PARTICIPATES IN PODCAST SERIES ABOUT FEDERAL EHR FUTURE, DIGITAL HEALTH

MHS Digital Front Door is a series with the Leidos Partnership for Defense Health that explores the latest digital transformation in government health care. DHMSM Program Manager, Col Christina Sheets and Assistant Program Manager for Product Support, Terry Dover participated.



GLOSSARY

AI: Artificial Intelligence

DHA: Defense Health Agency

DHATS: DHA Texting Solution

DHITS: Defense Health Information Technology Symposium

DHMS: Defense Healthcare Management Systems

DHMSM: DOD Healthcare Management System Modernization

DOD: Department of Defense

EHR: Electronic Health Record

EIDS: Enterprise Intelligence and Data Solutions

FEHRM: Federal Electronic Health Record Modernization

IDGA: Institute for Defense and Government Advancement

IT: Information Technology

JOMIS: Joint Operational Medicine Information Systems

LPDH: Leidos Partnership for Defense Health

MedCOP: Medical Common Operating Picture

MHS: Military Health System

MHSG-T: MHS GENESIS-Theater

MHSRS: Military Health System Research Symposium

MIP: Military Health System Information Platform

MIP-PDW: Military Health System Information Platform-Pharmacy Data Warehouse

MSAT: Medical Situational Awareness in the Theater

OpMed: Operational Medicine

PEO DHMS: Program Executive Office Defense Healthcare Management Systems

PEO: Program Executive Office

PMO: Program Management Office

SME: Subject Matter Expert

VA: Department of Veterans Affairs