Defense Health Agency, J-7, Continuing Education Program Office
Clinical Communities Speaker Series
Healthcare Innovation and Readiness: Empowering Change and Resilience in Global Care Delivery

25 September 2025
0745 – 1615 (ET)

Purpose

The Defense Health Agency (DHA), J-7, Continuing Education Program Office (CEPO) Clinical Communities Speaker Series (CCSS) events are designed to address the professional practice gaps of our learners to improve the care that our health care professionals deliver. This continuing education (CE)/continuing medical education (CME) event is conducted to achieve results that reflect a change in skills, competence, and performance of the health care team, and patient outcomes. Collaboration occurs with the Department of Defense, several government agencies, and other civilian experts for recruitment of academic subject matter experts (SMEs), clinicians, and researchers to present on current promising, evidence-based research and best practices, thus enhancing the overall educational experience. Participants are expected to apply what they learned in providing patient care individually and collaboratively as a team towards improved patient outcomes.

Target Audience

This activity is designed to meet the educational needs of Physicians, Nurses, Pharmacists, Pharmacy Technicians, Physician Associates/Physician Assistants, Optometrists, Social Workers, Psychologists, Dentists, Dental Hygienists, Dental Technicians, Registered Dieticians, Dietetic Technicians, Athletic Trainers, Case Managers, Occupational Therapists, Occupational Therapist Assistants, Physical Therapists, Physical Therapist Assistants, Audiologists, Speech-Language Pathologists, Kinesiotherapists, and other health care professionals who support/care for U.S. active-duty service members, reservists, Coast Guard, Public Health Service, National Guardsmen, military veterans, and their families.

Program Overview

This event will explore the evidence-based healthcare innovation practices through educational content created by military and civilian Subject Matter Experts specializing in bioethics, research, health care, and academia. Each session is designed to refine the quality of care, achieve the best outcomes, and improve population health. The primary focus of this event aims to enhance the quality of patient outcomes and population health by providing advanced continuing education opportunities to improve the practice, skills, and knowledge of health care providers across the Military Health System.

Program Agenda

Time (ET)	Titles/Speakers	Learning Objectives
0745 – 0750	***Welcome Remarks*** **CDR Thomas Sather, EdD, MSS, MS, CAsP, FMFQO, CSSBB** Acting Director, Maritime Operations Director, United States Navy Tactical Combat Casualty Care Program Senior Watch Officer Operations, Plans, and Policy (N3/N5) Naval Medical Forces Development Command San Antonio, TX	-

Time (ET)	Titles/Speakers	Learning Objectives
0750-0800	***Moderator*** **Carrie A. Storer, PT, DPT, OCS** Program Manager, Neuromusculoskeletal Clinical Community Deputy Assistant Director Medical Affairs, Clinical Support Division Assistant Director, Healthcare Administration Defense Health Agency Falls Church, VA	-
0800 – 0900	***S01: Adopting and Expanding Ethical Principles for Generative Artificial Intelligence from Military to Healthcare*** **LTC Gary Legault, MD, FAAO, PMP** Director, Virtual Medical Center Associate Professor of Surgery, Uniformed Services University Cornea/Refractive Surgeon, Brooke Army Medical Center Houston, TX	1. Compare and contrast the ethical frameworks governing the development and deployment of generative artificial intelligence (GenAI) in military and healthcare contexts. 2. Evaluate the applicability of ethical principles defined by the GREAT PLEA framework. 3. Demonstrate how ethical principles build trust in AI systems among leaders and providers.
0900 – 0910	**Break**	
0910 – 1010	***S02: Blood, Beds, and Plasma: Urgent Needs for the Future Operating Environment*** **COL Jennifer M. Gurney, MD, FACS** Chief, Joint Trauma System Defense Health Agency Houston, TX	1. Explain the importance of plasma in trauma healthcare. 2. Analyze logistical challenges of blood product delivery in combat operations. 3. Discuss advances in modern pathogen reduction technology and blood safety testing strategies. 4. Identify strategic mitigation approaches such as innovation in blood products, logistics, and partnerships to enhance resilience and readiness.
1010 – 1020	**Break**	
1020 – 1120	***S03: Evolution of Telesurgery During the Robotic Surgery Renaissance and a Systematic Review of its Ethical Considerations*** **Catherine Frenkel, MD, FACS** Surgeon, Head and Neck Cancer Center, Levine Cancer Institute Associate Professor of Surgery, Wake Forest University School of Medicine Clinical Director, Experiential Education in Surgical Ethics, IRCAD North America Charlotte, NC	1. Describe how biologics differ from small molecules (size, complexity, inherent variation) and explain why some biologics cannot be copied exactly. 2. Compare and contrast the development, statutory requirements, and approval process for new biologics and for biosimilars/interchangeables. 3. Explain the requirements for generics and biosimilars/interchangeables. 4. Identify resources available for health care professionals to learn more about biosimilar and interchangeable products through the Purple Book Database Licensed Biological Products and other FDA educational resources.
1120 – 1130	**Break**	

1130 – 1230	***S04: Integrated Human Performance: Delivering Care and Capability in Constrained Environments*** **Lt Col Danielle Anderson, DPT, DSc, OCS, CSCS, FAAOMPT** Clinical Lead, Musculoskeletal Medicine and Rehabilitation National Aeronautics and Space Administration (NASA) Houston, TX **Corey Twine, CSCCa, CSCS, FRc** Strength Coach, Astronaut Strength, Conditioning and Rehabilitation NASA Houston, TX **Bruce Nieschwitz, LAT, ATC, USAW, FRc** Athletic Trainer/Strength Coach, Astronaut Strength, Conditioning and Rehabilitation NASA Houston, TX **Stephanie Petery, MS, LAT, ATC, FRc, Graston M1, MHFA** Dry Needling Athletic Trainer, Astronaut Strength, Conditioning and Rehabilitation NASA Houston, TX **Christi Keeler, MS, LAT, ATC, Graston M1, FRc** Dry Needling Athletic Trainer, Astronaut Strength, Conditioning and Rehabilitation NASA Houston, TX	1. Discuss the multisystem nature of astronaut deconditioning and its operational consequences. 2. Identify the primary exercise countermeasures used aboard the International Space Station. 3. Explain the role of interdisciplinary collaboration in preserving astronaut health and performance. 4. Summarize the importance of targeted reconditioning strategies upon return to Earth. 5. Evaluate how lessons learned from spaceflight can inform human performance optimization in other extreme environments.
1230 – 1330	**Break**	
1330 – 1500	***S05: Understanding and Assessing Military Environmental Exposures*** **Steve Jones, MPH** Director, Force Readiness and Health Assurance Policy Office of the Deputy Assistant Secretary of Defense for Health Readiness Policy & Oversight Falls Church, VA **Eric Shuping MD, MPH** Operations Director, Health Outcomes of Military Exposures U.S. Department of Veterans Affairs Falls Church, VA **Edward (Ted) Chin, MD, MPH** Acting Branch Chief, Occupational Medicine Branch Occupational and Environmental Health Division Defense Centers for Public Health, Falls Church Chair, Military Specific Clinical Care Community Falls Church, VA	1. Distinguish the purpose of the registry, recognize its value and examine the 2024 registry redesign. 2. Summarize the role of education and outreach regarding Congressional/Legislative updates, and the accomplishments, efficiencies and challenges over the past three years. 3. Explain the role of health care providers in conducting medical evaluations related to environmental exposure concerns - both DoD and VA perspectives. 4. Identify the updated JKO course including its features, updates, and learning objectives. 5. Define provider and service member resources. 6. Describe the purpose and functionality of the Individual Longitudinal Exposure Record (ILER).
1500 – 1510	**Break**	
1510-1515	***Administrative Remarks***	-

	Alna Gopez, MSN, BSN, RNC-OB Training Specialist J-7 Education and Training Defense Health Agency Falls Church, VA	
1515 – 1615	***S06: Stem Cell Implants: Emerging Innovation for Stroke Recovery*** ***Brandon Lucke-Wold, MD, PhD*** Neuroendovascular Fellow, University of Florida Gainesville, FL	1. Review the limited options for intervention and rehabilitation in stroke. 2. Discuss the potential advantages of stem cell therapy and mechanisms of delivery. 3. Summarize the promising initial data showing potential success.

This agenda is subject to change.

Continuing Education
This CE/CME activity is provided through the DHA J-7 CEPO and is approved for a total of 6.5 CE/CMEs.

Commercial Support:
No commercial support was provided for this activity.

Participation Costs:
There is no cost to participate in this activity.

CE/CME Inquiries:
For all CE/CME related inquiries, please contact us at: dha.ncr.j7.mbx.cepo-cms-support@health.mil