



**Defense Health Agency, J-7, Continuing Education Program Office  
Clinical Communities Speaker Series**

**Revolutionizing Healthcare: Pioneering Innovations and Future  
Horizons**

**12 September 2024  
0745 – 1550 (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 Assistants, Optometrists, Social Workers, Psychologists, Dentists, Dental Hygienists, Dental Technicians, Registered Dietitians, Dietetic Technicians, Athletic Trainers, Certified Counselors, Occupational Therapists, Occupational Therapist Assistants, Kinesiotherapists, Healthcare Executives, 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 practices in innovation based modern healthcare practice through educational content created by military and civilian Subject Matter Experts specializing in bioethics, research, healthcare, 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 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	<b><i>Welcome Remarks</i></b>  <b>Lolita T. O'Donnell, Ph.D., M.S.N., R.N.</b> Chief, Executive Skills, Continuing Education & Libraries (EXCEL) Academic Superintendent, Continuing Education Program Office (CEPO), J-7, Education and Training (E&T) Directorate Defense Health Agency (DHA) Falls Church, Va.	

Time (ET)	Titles/Speakers	Learning Objectives
0750 – 0800	<p><b>Opening Remarks</b></p> <p><b>V.J. Lair, Psy.D.</b>            Director, Behavioral Health Education &amp; Training            Healthcare Delivery Compliance Inspection (iHDC)            Defense Health Agency            Medical Affairs/Behavioral Health Clinical Management Team            San Antonio, Texas</p>	
	<p><b>Moderator</b></p> <p><b>Christopher J. Spevak, M.D., M.P.H., J.D.</b>            Medical Officer, Walter Reed National Military Center            Director, Pain Management Fellowship Program            Director, National Capital Region’s Opioid Safety Program,            National Capital Region Pain Initiative, &amp; Wounded Warrior Pain            Care Initiative            Professor, Clinical Anesthesiology, Georgetown University            School of Medicine            Bethesda, Md.</p>	
0800 – 0900	<p><b>S01: “Opportunities and Challenges of Artificial Intelligence and Natural Language Processing in Healthcare”</b></p> <p><b>Monica Agrawal, Ph.D.</b>            Assistant Professor, University of California at Berkeley and            University of California at San Francisco            Assistant Professor, Bioinformatics &amp; Biostatistics            Assistant Professor, Computer Science            Division of Translational Biomedical Informatics            Department of Biostatistics &amp; Bioinformatics            Duke University School of Medicine            Durham, NC</p>	<ol style="list-style-type: none"> <li>1. Describe opportunities and areas of active research in applying Natural Language Processing (NLP) to clinical workflows.</li> <li>2. Explain barriers in medicine to deployability of Artificial Intelligence/NLP.</li> <li>3. Discuss the paradigms of machine learning at a high-level.</li> </ol>
0900 – 0910	<b>Break</b>	
0910 – 1010	<p><b>S02: “The Military Health System Targeted Care Initiative: An Innovation Based Behavioral Health Program”</b></p> <p><b>Angelica Escalona, Ph.D.</b>            Clinical Neuropsychologist and Clinical Director, Outpatient Behavioral Health, Behavioral Health Clinical Management Team (BHCMT) Medical Affairs/ Clinical Support Division, Defense Health Agency (DHA), Falls Church, Va.</p> <p><b>James Calvin Sarver, R.R.T.</b>            Program Manager, Outpatient Behavioral Health, Behavioral Health Clinical Management Team (BHCMT) Medical Affairs/ Clinical Support Division, Defense Health Agency (DHA)            San Antonio, Texas</p>	<ol style="list-style-type: none"> <li>1. Describe the Defense Health Agency Targeted Care model components and workflow.</li> <li>2. Explain the key steps toward successful Targeted Care implementation.</li> <li>3. Identify strengths and challenges of Targeted Care implementation at pilot sites.</li> </ol>

1010 – 1100	<p><b><i>S03: “Risks and Countermeasures for the Musculoskeletal Systems in the Extreme Environment of Aviators and Astronauts”</i></b></p> <p><b>Jeffrey A Jones, MD, MS FACS, FACPM, FAsMA</b>  Operative Care Line Deputy Executive for Inpatient Services  Chief of Urology- ME DeBakey VAMC  Professor Baylor College of Medicine  Dept Urology and Center for Space Medicine  Captain United States Navy Reserves (ret.)  Houston, Texas</p> <p><b>Brody Fleming, B.S.</b>  Medical Student  Center for Space Medicine Tract  Baylor College of Medicine  Houston, Texas</p>	<ol style="list-style-type: none"> <li>1. Identify risks factors associated with musculoskeletal injury during spaceflight and military aviation.</li> <li>2. Summarize current countermeasures for mitigating MSK injury.</li> <li>3. Analyze ongoing areas for improvement and research in pilot and astronaut MSK health.</li> </ol>
1100 – 1130	<b>Break</b>	
1130 – 1230	<p><b><i>S04: “Unregulated Use of Mobile Applications in Health Research: Ethical Considerations and Policy Recommendations”</i></b></p> <p><b>Michelle McGowan, Ph.D.</b>  Professor, Biomedical Ethics  Mayo Clinic  Rochester, MN</p>	<ol style="list-style-type: none"> <li>1. Outline opportunities to use mobile devices for health research.</li> <li>2. Discuss tensions between research ethics regulations and technology terms of service.</li> <li>3. Identify options for preventing harms from unregulated health research using mobile devices.</li> </ol>
1230 – 1330	<b>Break</b>	
1330 – 1430	<p><b><i>S05: “Enhanced Engagement: The Evolving Relationship between FDA and DoD Regulatory Authorities”</i></b></p> <p><b>Jeremiah J. Kelly, J.D.</b>  Attorney, Venable, LLP  Previous Chief, FDA Regulatory Law Division in the Office, Staff Judge Advocate (JAG), U.S. Army Medical Research and Development Command (USAMRDC)  Washington, DC</p>	<ol style="list-style-type: none"> <li>1. Summarize the history of the Department of Defense (DOD) relationship with the U.S. Food and Drug Administration (FDA) for the use of investigational products and future medical product development.</li> <li>2. Discuss the basic elements of Pub. L. 115-92 as it relates to the expansion of the DOD’s emergency use authorization provisions and the enhanced engagement relationship with FDA.</li> <li>3. Describe the impact of Pub. L. 115-92 on DOD medical product development and opportunities for continued innovation.</li> </ol>
1430 – 1440	<b>Break</b>	
1440 – 1540	<p><b><i>S06: “Chronic Multisymptom Illness: Keys to Successful Evaluation and Management of a Challenging Condition”</i></b></p> <p><b>Drew A. Helmer, M.D., M.S.</b>  Deputy Director, Center for Innovations in Quality, Effectiveness, and Safety (IQuEST), Michael E. DeBakey VA Medical Center (MEDVAMC)  Professor, Health Services Research, Baylor College of Medicine (BCM)  Houston, Texas</p>	<ol style="list-style-type: none"> <li>1. Recognize and evaluate chronic multi-symptom illness.</li> <li>2. Enable trust and shared goals with patients with chronic multi-symptom illness.</li> <li>3. Create a plan for management of chronic multi-symptom illness using a team approach.</li> </ol>

1540-1550	<p><b><i>Closing Remarks</i></b></p> <p><b>Army Col. Maria Molina, M.D., F.A.C.O.G., F.A.C.S., C.H.S.E.</b>  Acting Director,  J-7, Education and Training (E&amp;T)  Directorate Defense Health Agency (DHA)  Falls Church, Va.</p>	
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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 6.0 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](mailto:dha.ncr.j7.mbx.cepo-cms-support@health.mil)