

**2026
DEFENSE HEALTH INFORMATION
TECHNOLOGY SYMPOSIUM**

**AUGUST 11-13, 2026
HYATT REGENCY NEW ORLEANS
NEW ORLEANS, LA**

Lessons From Leading the Sole Informatics Training Platform in the MHS

Lt Col Scott Hulse, MD, MS, MPH, MS

LTC Victoria Mahar , MD, MS



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Learning Objectives

- 1** Understand the process behind training a clinical informaticist.

- 2** Discuss the historical and present barriers and opportunities for collaboration within the military health system.

- 3** Understand the integration of DHA's Campaign Plan, POAM, and LOEs into a visual management system that drives decision-making and accountability.

Speaker Introduction



LTC Victoria Mahar, MD, MS

Chief Medical Informatics Officer
Associate Program Director, Clinical Informatics Fellowship
Staff Pathologist
Joint Base Lewis McChord



Lt Col Scott Hulse, MD, MS, MPH, MS

Program Director, Clinical Informatics Fellowship
Staff, Preventive Medicine Physician
Joint Base Lewis McChord

Background | Medical Education

University



4 years

Middle States
Commission
on Higher
Education

Medical School



4 years

Liaison Committee
on Medical
Education

Residency



3 - 7 years

Accreditation
Council for
Graduate Medical
Education

Informatics Fellowship



2 years

Accreditation
Council for
Graduate Medical
Education

Background | Scope of Clinical Informatics

Fundamental Knowledge and Skills	Improving Care Delivery and Outcomes	Enterprise Information Systems	Data Governance and Data Analytics	Leadership and Professionalism
• Standards (HL7FHIR, LOINC, ANSI X12, etc) • Data taxonomies and ontologies • Security, privacy, and confidentiality • Barriers to interoperability	• Clinical Decision Support • Workflow analysis • QI / PI • UX / UI and HCI • User-centered design • Quality assessment (HEDIS, Leapfrog, etc.)	• Information system implementation • Integration testing • Database architecture • Network infrastructure • PACS, LIS, EMR • HIE, patient matching	• Data life cycle • NoSQL database structures • Machine Learning (SVM, CNN, etc) • NLP, LLMs • ETL • Descriptive, inferential, predictive statistics	• Revenue cycle • Change management • Adult learning theories • Project management • Conflict management

The Challenge

ACMGE Requirements
AMIA Requirements
MAMC Requirements

DHA Requirements
Service Requirements



Contact Us

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Thank You!



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