

Joint Program Committee-1 Health IT and Informatics

Research Areas

If you have an idea that supports medical resourcing, healthcare services, enterprise infrastructure management or theater and operational medicine we want to hear from you. We need your help to identify, research and implement technology that will help close capability gaps across the enterprise and enhance care provided to those that serve in defense of our country. Specific topics under these research areas include:

Medical Resourcing

Research technologies to streamline the access to and management of educational systems across the Military Health System (MHS), providing increased efficiency and effectiveness in the way education is delivered.

Healthcare Services

Research to help support the normalization, analysis and visualization of personal health data for the purpose of aggregating said data to monitor and support population health decisions. This early-stage research will help inform stakeholders of the best tools and techniques in support of the acquisition of said tools. Research to support the economic and recall knowledge ability of "just in time" mobile training at the Medical Education Training Campus (METC) and in the non-deployed and deployed environments as compared to the traditional classroom settings.

Enterprise Infrastructure Management

Research to support the MHS' goal of total interoperability within the enterprise. In support of this cloud computing, universal exchange languages and semantic interoperability tools will be evaluated and considered as feasible tools for a highly integrated MHS enterprise.

Theater and Operational Medicine

Research to support the valuation of different biosensors and telehealth technologies. In conjunction, research to be conducted around the transmission, storage and retrieval of this high-volume, high-velocity and high-variety patient data.

Research on better technology platforms for improved physiologic monitoring during evacuation including enhancements to predictive algorithms as well as improvement of core logistics systems to include information systems, automatic identification technologies and tracking and medical material management, including those with specific environmental handling requirements.