



# DoD IMPLEMENTATION SCIENCE MONTHLY

February 2019

Prepared by the Psychological Health Center of Excellence

*Informing a community of behavioral health providers who lead the rapid translation of research findings into routine clinical practice*

## Resources of the Month

### AHRQ's Working with Practice Leaders on Quality Improvement Curriculum

This module from the Agency for Healthcare Research and Quality discusses ways to engage practice leadership in efforts to implement evidence-based processes and improve quality of care. It covers developing relationships and keeping practice leaders engaged, enhancing leadership skills, tools to understand and solve organizational problems, and working with leaders to design solutions and implement change.

### Dissemination & Implementation Models in Health Research & Practice

This interactive tool assists researchers and practitioners with selecting the dissemination and implementation model that best fits their research question or practice problem, adapting it to the study or practice context, fully integrating it into the research or practice process, and finding existing measurement instruments for the model constructs.

## Featured Articles

### Mixed-Methods Approach to Strengthen Economic Evaluations in Implementation Research

Traditional economic valuations are limited as they focus only on quantitative methods, which do not capture contextual information or stakeholders' perspectives. The inclusion of qualitative methods in economic evaluations is critical to advancing the Triple Aim of health care – improving patient care and population health while minimizing per-capita cost. This study illustrates the application of mixed methods in a recently completed cost-effectiveness evaluation, making use of an adapted version of reporting standards for economic valuations. It also includes an adapted taxonomy of mix-method studies relevant to economic evaluation and provides suggestions for building a research agenda in mixed-method economic evaluation.

### Evaluation of a Targeted, Theory-informed Implementation Intervention Designed to Increase Uptake of Emergency Management Recommendations Regarding Adult Patients with Mild Traumatic Brain Injury: Results of the NET Cluster Randomised Trial

Evidence-based guidelines for the management of mild traumatic brain injury in emergency departments are widely available, however, clinical practice remains inconsistent. This paper reports on the effects of a targeted, theory-informed implementation intervention – Neurotrauma Evidence Translation (NET) intervention – that was designed to increase the uptake of three clinical practice recommendations regarding the management of patients who present to Australian emergency departments with mild head injuries.

*Featured articles are available on the Practice-Based Implementation (PBI) Network's max.gov website. For access to the max.gov site, please send an email to [dha.ncr.j-9.mbx.phcoe-pbi-network@mail.mil](mailto:dha.ncr.j-9.mbx.phcoe-pbi-network@mail.mil).*

## Action Item

The DoD Practice-Based Implementation (PBI) Network, an infrastructure designed to pilot the dissemination and implementation of practice changes in the Military Health System (MHS), has officially kicked off its Cognitive Processing Therapy-trained - Trauma Specialist (CPT-TS) pilot. The pilot will establish and evaluate the CPT-TS care delivery model for PTSD treatment. It involves the establishment of one to two trauma specialists per clinic who will serve as their clinic's primary treatment providers for patients with PTSD. The pilot will identify and address the barriers and facilitators to this care delivery model in outpatient behavioral health clinics within the MHS. Participating providers will receive training and consultation from experts at the Center of Deployment Psychology and have the opportunity to achieve CPT-trained Trauma Specialist status.

## Call for Abstracts

### 2019 Military Health System Research Symposium

MHSRS is open for abstract submissions for the August 2019 conference, which will focus specifically on the unique medical needs of the warfighter. Topic areas include Combat Casualty Care, Military Operational Medicine, Clinical and Rehabilitative Medicine, Medical Simulation and Information Sciences, Military Infectious Diseases, and the Radiation Health Effects. The Psychological Health Center of Excellence particularly encourages submissions for the breakout session: "Warfighter Readiness: Impact of Trauma." The sequelae from trauma may include psychological changes other than those associated with a PTSD diagnosis, or the symptoms may be below the diagnostic threshold for PTSD. Abstracts should consider research regarding how such symptoms impact service members and their readiness and how to identify, assess, and effectively address the issues. The impact of non-combat related trauma, multiple traumas, and trauma-exposure that pre-dates military service are welcome research topics. **The deadline for submitting abstracts is March 15, 2019.**

### Society of Behavioral Medicine's (SBM) 40<sup>th</sup> Annual Meeting & Scientific Sessions March 6-9, 2019, in Washington, D.C.

SBM is a leading multidisciplinary behavioral medicine conference and focuses on translating research into policy and practice. Join over 2100 professionals from around the world in exchanging ideas to improve health through behavior change.

### American Medical Informatics Association's 2019 Clinical Informatics Conference April 30-May 2, 2019, in Atlanta, GA

This annual conference brings together clinicians, data scientists, researchers, developers, and other users of health information technology (HIT) so they can share and learn about implementing team-based, integrated health care driven by data, evidence, and best practices to improve health outcomes. It is a "doing conference" where attendees are provided with the tools necessary to help them in their day-to-day practice.