



PROVEN

Coordinating Hub to Promote Research
Optimizing Veteran-centric EHR Networks

PROVEN Hub Newsletter

June 2022

Welcome to the PROVEN Hub Newsletter! The PROVEN Hub is designed to provide a single point of contact for the VA research community to design, conduct, and disseminate cutting-edge, operationally prioritized research and evaluation in support of a safe, effective, and efficient implementation of the Cerner Millennium EHR throughout VA.

HSR&D Research and EHR Synergy Cyberseminar Series

June 22, 2022

12-1 pm ET

Community Care Mammograms: Care Coordination Barriers and Facilitators and Clinical Informatics Solutions

Presenter: Kristen Gray, PhD, MS

Discussants: Caitlin Cusack, MD, MPH, FACOG & Ann Guillory, BSN, RN, CLC

Most VA facilities do not offer on-site mammography and refer mammograms to community providers, requiring involvement of several VA service lines and coordination with community providers, which can be challenging. The goal of this research was to understand current care coordination practices and identify barriers and facilitators to care coordination, as well as characterize the availability of mammogram care coordination data in the CPRS/VistA electronic health record (EHR). This presentation will describe findings from interviews with 44 key stakeholders across 10 VA sites and from chart annotation of 500 completed mammograms referred to community providers.

[Register now!](#)

Check out the [archive](#) of previous presentations in this series.

VA EHRM Researcher Spotlight

April Savoy, PhD



Dr. April Savoy serves as a co-investigator in the PROVEN Health Informatics Core, where she co-leads the Human-centered Design team. Her research interests include the application of human factors engineering to develop, evaluate, and implement socio-technical interventions that will increase efficiency of clinical workflows, enhance care coordination, and improve the quality of healthcare delivery. She has more than 13 years of experience in human factors engineering from industry and academia. Her work has focused on designing information technologies that enhance situational awareness and decision-making across domains including ecommerce, gaming, and military. Since 2014, she has applied her human factors engineering expertise and multi-domain experience to healthcare. Dr. Savoy has developed and evaluated socio-technical interventions that

better support and inform healthcare decision-making by healthcare professionals across care settings.

Her recent work assessed the use of health information technologies in clinical workflows, including consultation referrals, medication reconciliation, and hospitalist rounding. Dr. Savoy's research provides foundational evidence for implementing the user-centered design process for future health information technologies that support healthcare professionals.

Dr. Savoy obtained degrees in computer science from Xavier University of Louisiana (B.S.) and Purdue University (M.S.). Her degree in industrial engineering is from Purdue University (PhD).

EHRM Patient Safety & Human Factors Research Workgroup

Our EHRM Patient Safety Research Workgroup is relaunching to incorporate a focus on human factors. The goal of this research workgroup is to help investigators develop ideas that result in funded research and evaluation projects related to the Cerner EHR transition. The workgroup aims to support researchers by providing feedback on project ideas, connecting researchers with relevant operations partners, and identifying the resources that researchers need to be successful. VA researchers with specific interests in patient safety or human factors engineering are invited to participate.

The next meeting will be held **Friday, July 8th at 3:00 pm ET/12:00 PT.**

If you are interested in participating, please email Alison Cogan (alison.cogan@va.gov) with your VA location and a few sentences about your area of interest.

Please note that this group is currently open to VA researchers only.

VA EHRM Research Resources

- An [updated deployment schedule](#) for Cerner Millennium has been posted.
- Check out the PROVEN [Project Registry](#) for current information on EHRM projects
- VIREC's [Resource Guidebook: Navigating CDW Millennium Data](#) provides an overview of syndicated millennium data in the CDW Environment. It is an excellent resource for any researcher or analyst starting to work with Millennium data.
- Researchers and investigators can now access Millennium data for their projects. See the [VA Millennium EHR Data](#) page on the VHA Data Portal for information about the data available and how to access for research, quality improvement, and operations projects.
- The VIREC [VA Millennium EHR Data Documentation & Resources](#) page has links to all VIREC-created documentation of Millennium data, along with links to resources created by others across the VA and Cerner. Resources here will be useful for anyone working with Millennium data in the VA.
 - VIREC has recently released resources related to Laboratory Data, using Patient Identifiers in Millennium, and constructing a research cohort using Millennium and CDW data
- The [EHRM-IO Data Migration and Management team Sharepoint site](#) links to resources related to data syndication, including:
 - Syndicated Data Bits training sessions for working with Cerner Millennium data, including a special series on [CDWork2 Database Training](#)
 - A new series of documentation focused on working with data related to specific topic areas or domains in CDWork2 ([Domain Centric Documentation - All Documents \(sharepoint.com\)](#))
- EHRM & Research SharePoint has research resources related to the Cerner Millennium implementation, including updates on the deployment schedule ([Intranet only: https://dvagov.sharepoint.com/sites/VHAPugResearch/RRG/Pages/EHRM-Research.aspx](#))
- Set up an account to access Cerner [Research Resources](#)

***Are you conducting an EHRM research or quality improvement project?
Let us know at provenhub@va.gov***

New EHRM Publications

Please see the attached Excel file with a listing of recent publications on EHR implementation and transitions that may be of interest to the research community.

Do you have recent EHRM-related publications or presentations?

Let us know at provenhub@va.gov

<https://www.hsrd.research.va.gov/centers/proven/default.cfm>

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