

# Center for Health Services Research: Fetal Alcohol Spectrum Disorder Prevention & Clinical Guidelines Research

Project Workshop

21 September, 2022

## CHSR

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Uniformed  
Services  
University

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# Disclaimer

Disclaimers: The content of this presentation is the sole responsibility of the author(s) and does not necessarily reflect the views or policies of Uniformed Services University of the Health Sciences (USUHS), the Department of Defense (DoD), or the Departments of the Army, Navy, or Air Force. Mention of trade names, commercial products, or organizations does not imply endorsement by the U.S. Government.

# Agenda

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- USUHS
- CHSR Overview
- Project Overview
- Knowledge Translation Efforts
- Connect with CHSR
- Questions

# Uniformed Services University of the Health Sciences

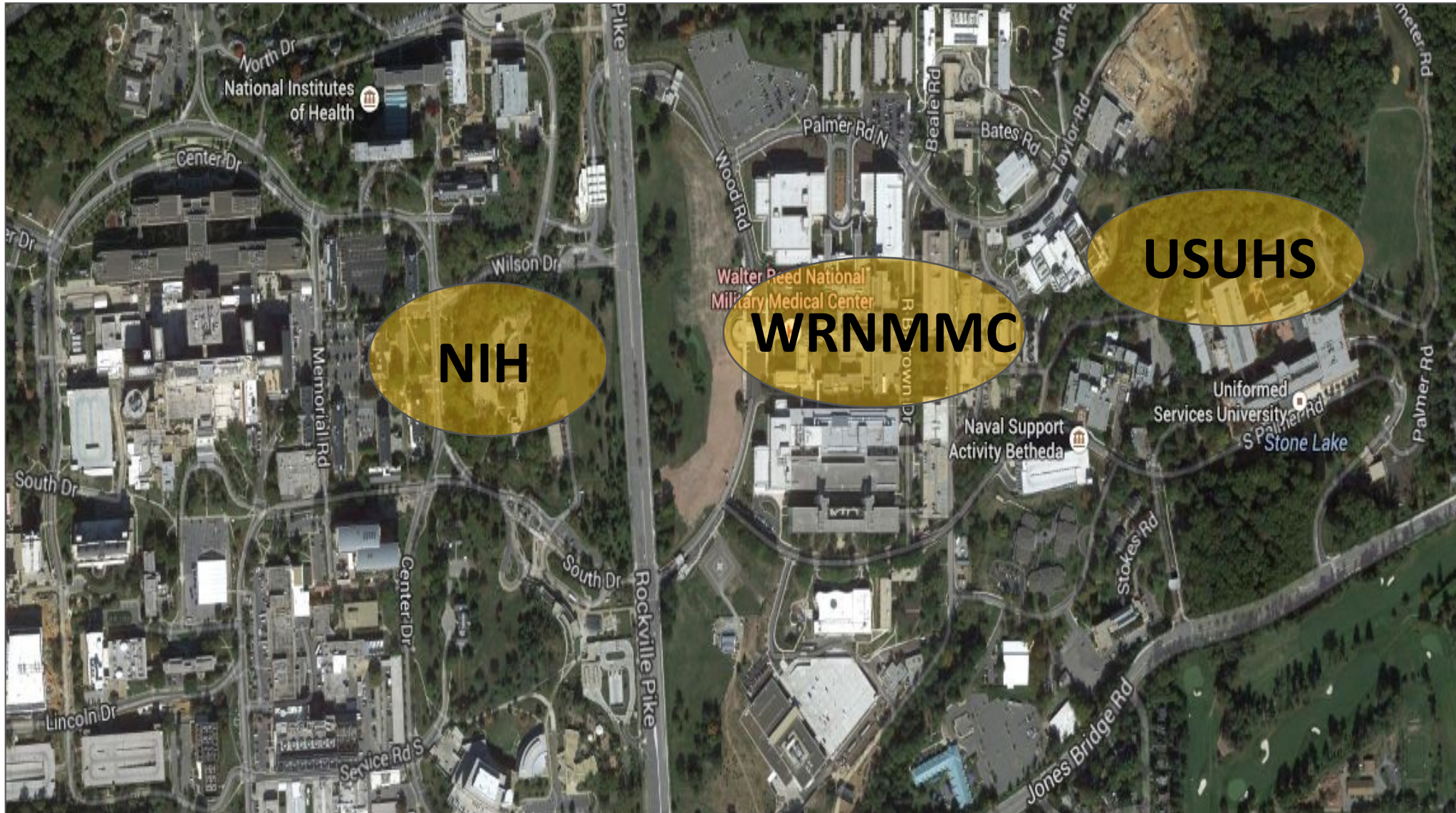
Our mission is to support the readiness of America's Warfighter and the health and well-being of the military community by educating and developing uniformed health professionals, scientists and leaders; by conducting cutting-edge, military-relevant research, and by providing operational support to units around the world.



- Medical School
- Graduate School of Nursing
- Post Graduate Dental College
- College of Allied Health Science



# USUHS Location



# Who Do We Serve?

9.6 Million Beneficiaries

Type of Beneficiary	Approximate Number of Beneficiaries (Total: 9.6 million)
Active Duty Service Members	1.41 million
Active Duty Family Members	1.64 million
National Guard and Reserve Members (includes active and inactive members)	230,000
Family Members of National Guard and Reserve Members	830,000
Retirees and Family Members <65	3.17 million
Retirees and Family Members ≥65	2.34 million

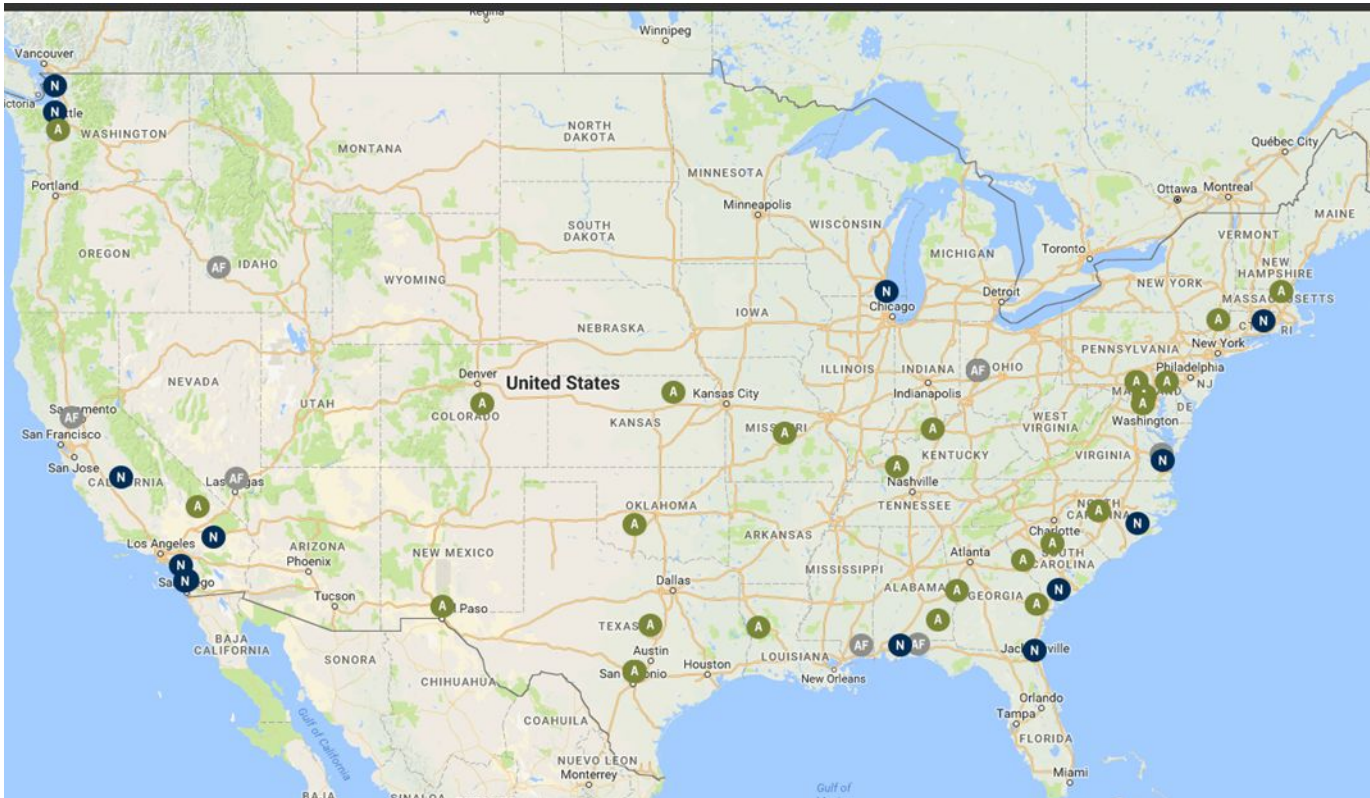


# The Military Health System

Direct Care System & TRICARE Health Plan (Private Sector Care)

## ■ System Composition:

- 149,116 personnel (84,104 military / 65,012 civilians)
- 49 Inpatient hospitals & medical centers (32 in US)
- 465 Ambulatory care & Occupational health clinics (373 in US)
- 192 Dental clinics (149 in US)
- 250 Veterinary facilities (185 in US)
- 554,439 Network providers
- 3,789 TRICARE network acute care hospitals
- 803 Behavioral health facilities
- 58,142 Contracted (network) retail pharmacies



“Medically Ready Force...Ready Medical Force”

# How Do We Serve Them?

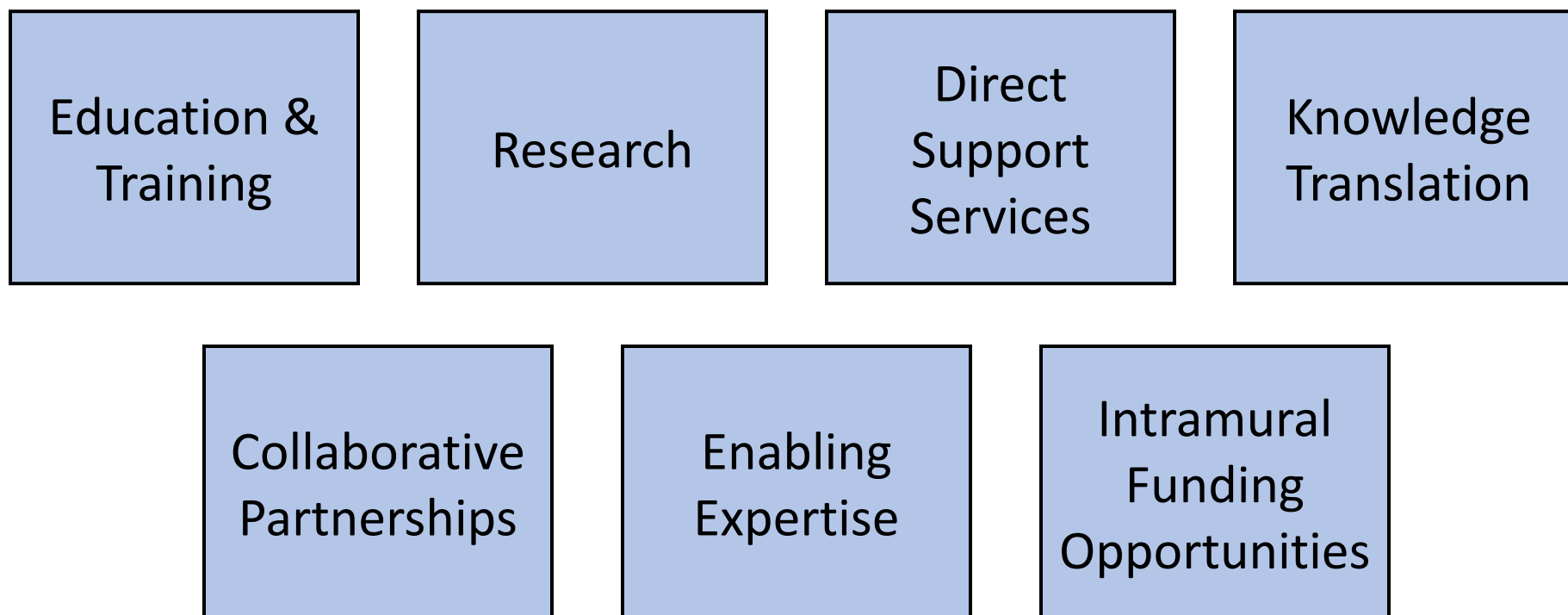
www.health.mil	Annual Summary (FY18)
Inpatient Admissions	Total: 1M Direct care: 226K Purchased care: 372K TRICARE For Life: 407K
Outpatient Visits	Total: 106M Direct care: 41M Purchased care: 34M TRICARE For Life: 30M
<b>Births</b>	<b>Total: 110K</b> <b>Direct care: 41K</b> <b>Purchased care: 69K</b>
Prescriptions Filled	Total: 119M Direct care: 45M Purchased care: 23M Home delivery: 8M TRICARE For Life: 43M



# About the Center for Health Services Research

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- The CHSR provides a health services research hub for:



# CHSR Mission

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The Center for Health Services Research (CHSR) supports the readiness of America's Warfighter and improved health outcomes for the military community by building capacity throughout the Military Health System (MHS) to conduct health services research (HSR) that supports MHS goals, DoD's mission, and the national security strategy.

# CHSR Vision

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By the end of CY2024, the Center for Health Services Research will be nationally recognized as the leader in the MHS Health Services Research. We will produce actionable, outcomes-based policy recommendations and direct support that will improve health outcomes throughout the MHS.

# Fetal Alcohol Spectrum Disorder Prevention & Clinical Guidelines Research

- **3 interwoven lines of effort:**
  - Conduct an **environmental scan** including inventorying & synthesis of existing DoD alcohol use focused programs & of national & DoD clinical practice guidelines across the FASD care continuum.
  - Adopt a **community needs assessment** methodology using qualitative methods to understand the lived experiences and needs of patients, caregivers & diverse inter-professional providers in the MHS with respect to prevention & early diagnosis across the FASD care continuum.
  - Apply **modeling & predictive analytic** methods to the MDR to rigorously examine population health outcomes & risk factors across the FASD continuum of care with the goal of identifying individuals who may benefit from further screening.

# FASD P & CG Project

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- **Partners:** FASD United; Boston University; Henry M. Jackson Foundation
- **Internal Partners:** CHSR, School of Medicine Depts of Preventive Medicine & Biostatistics; Obstetrical Surgery; Family Medicine; Pediatrics; and the Graduate School of Nursing
- **Funding:** Congressionally Directed through the Defense Health Agency
- **Time Period:** 15 September 2022 - 14 September 2026



# Our Team: Organizational Chart for CHSR

PI / Center Director  
Dr. Tracey Perez Koehlmoos (PMB)

**CHSR Program Manager**  
**Dr. Cathaleen Madsen**

MiHReC19 Research  
LVC in the MHS/EPIC 3.0  
Program Manager

**FASD & USU-Intramural  
Research**  
**Program Manager**  
**Shatonya Lumpkin**

Chief Data Coordination  
Epidemiologist  
Amanda Banaag

HSR Team Research  
Dr. M. Aaron Sayegh

Scientific Director  
Dr. Christian Coles

**Research  
Associates (3)**

**Analysts (1)**

**Postdoctoral  
Fellow**

**Co-investigator**  
**Dr. Liz Lee**

Research  
Associates  
Vivitha Mani  
Satish Munigala

Analysts  
Kyla Morris  
Ada Umoh

Postdoctoral  
Fellow (TBD)

Research Assoc  
Webmaster  
Miranda Janvrin

Research Assoc  
Dir of Education  
Jessica Korona

Research Assoc  
Luke Juman

Analyst  
Hongyan Wu

# CHSR Knowledge Translation Achievements

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Informed National Defense Authorization Act FY22 for reduction of low-value health care services in the MHS

Supported Government Accountability Office study on prenatal & postpartum mental health conditions

Opioid Risk Scoring tool endorsed by American College of Surgeons

Provided input about cessation of obstetric services at low volume military hospital

Sustained opioid use manuscript selected as testable item for American Board of Orthopaedic Surgery 2022 board certification

Health of America's military children adopted into policy briefing for Congress

Informed TRICARE policy for reimbursement for low back pain imaging & vitamin D screening

Supported MHS in response to criticism of low volume surgery at military facilities

Added Women's Health body of work to High Reliability Network Dashboard

Over 100 articles added to Defense Health Agency Value Based Care Library

Used by Marine Corps for MHS Strategy to reduce obesity among active duty service members

Informed new hypertension guidelines for Naval Aircrew readiness at Naval Aerospace Medicine Institute

Duration of opioid use definition recommended as the standard for predicting chronic opioid use

Informed request for Defense Health Board report investigating racial disparities in the MHS

# Connect with CHSR

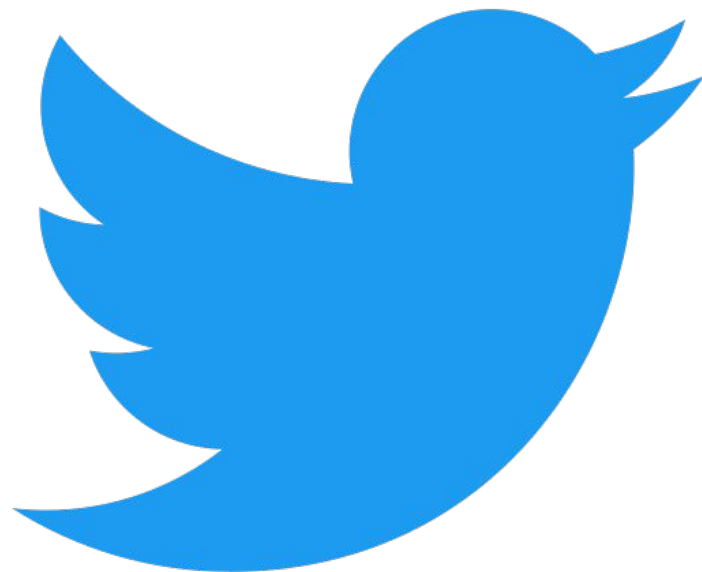
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- Join the HSR Interest Group (presentation opportunities available)
- Attend an upcoming workshop
- Partner with us in current or future research
- Visit our website: [www.chsr.usuhs.edu](http://www.chsr.usuhs.edu)
- Follow us on Twitter

**@CHSR\_USU**

## **The CHSR is now on Twitter!**

**Follow us for information about our ongoing research, upcoming meetings and workshops, & all other things health services research at USU**



**Don't forget to check out our website:  
[www.chsr.usuhs.edu](http://www.chsr.usuhs.edu)**



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# CENTER FOR HEALTH SERVICES RESEARCH

## Thank you for joining us today

For additional comments or feedback, please contact us:

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301-319-4519

**Please visit our website:**

**[chsr.usuhs.edu](http://chsr.usuhs.edu)**