

Spotlight on Women's Health Cyberseminar Series

An Evidence Map of the Women Veterans' Health Literature (2016-2023)

Sponsored by the VA Women's Health Research Network

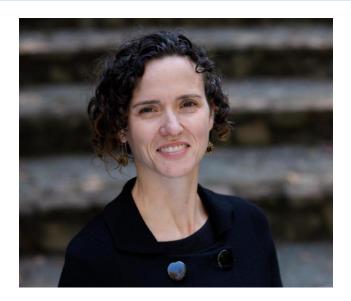
WHRN@va.gov

Today's Speakers



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Today's Discussant

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ESP VA Evidence Synthesis Program

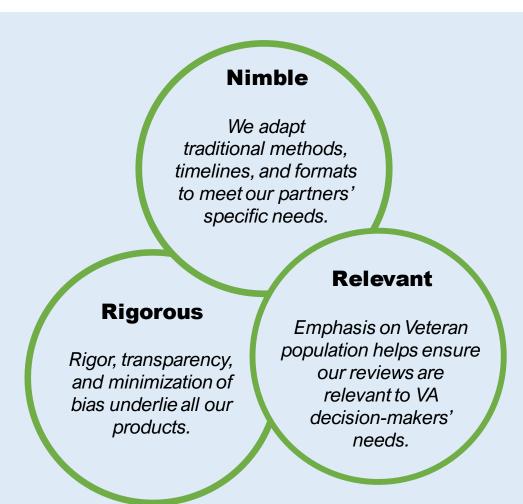
Synthesizing evidence for VA leadership to improve the health and health care of Veterans

Rachel Pace, MD *Core Investigator, Durham ADAPT* Karen M. Goldstein, MD, MSPH *Co-Director, Durham ESP Center*

DURHAM CENTER OF INNOVATION TO ACCELERATE DISCOVERY AND PRACTICE TRANSFORMATION

What is the ESP?

ESP



The VA **Evidence Synthesis Program** (ESP), established in 2007, helps VA fulfill its vision of functioning as a continuously learning health care system. We provide timely, targeted, independent syntheses of the medical literature for the VHA to translate into evidence-based clinical practice, policy, and research.



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What is the ESP?

ESP

- ESP reports are used to help
 - Develop clinical policies informed by evidence
 - Implement effective services and support VA clinical practice guidelines and performance measures
 - Set the direction for future research to address gaps in clinical knowledge
- Four ESP Centers across the US
 - Directors are VA clinicians and recognized leaders in the field of evidence synthesis, and have close ties to the AHRQ Evidence-based Practice Center Program

ESP Coordinating Center in Portland

- Manages national program operations, ensures methodological consistency and quality of products, and interfaces with stakeholders
- Produces rapid products to inform more urgent policy and program decisions
- To ensure responsiveness to the needs of decision-makers, the program is governed by a Steering Committee composed of health system leadership and researchers



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Disclosures



This presentation was prepared by the Evidence Synthesis Program Coordinating Center located at the Durham VA Health Care System directed by Alyshia Smith, DNP, MS and funded by the Department of Veterans Affairs, Veterans Health Administration, Health Services Research and Development.

The findings and conclusions in this document are those of the author(s) who are responsible for its contents and do not necessarily represent the views of the Department of Veterans Affairs or the United States government. Therefore, no statement in this presentation should be construed as an official position of the Department of Veterans Affairs. No investigators have any affiliations or financial involvement (*eg*, employment, consultancies, honoraria, stock ownership or options, expert testimony, grants or patents received or pending, or royalties) that conflict with material presented.



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The ESP consulted several technical and content experts in designing the research questions and review methodology. In seeking broad expertise and perspectives, divergent and conflicting opinions are common and perceived as healthy scientific discourse that results in a thoughtful, relevant systematic review. Ultimately, however, research questions, design, methodologic approaches, and/or conclusions of the review may not necessarily represent the views of individual technical and content experts. The authors gratefully acknowledge the following individuals for their contributions to this project:

Operational Partners

Operational partners are system-level stakeholders who help ensure relevance of the review topic to the VA, contribute to the development of and approve final project scope and timeframe for completion, nominate technical expert panel members, provide feedback on the draft report, and provide consultation on strategies for dissemination of the report to the field and relevant groups.

Sally Haskell, MD, MS, VA Office of Women's Health



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Acknowledgments



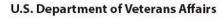
Technical Expert Panel (TEP)

To ensure robust, scientifically relevant work, the TEP guides topic refinement; provides input on key questions and eligibility criteria, advising on substantive issues or possibly overlooked areas of research; assures VA relevance; and provides feedback on work in progress.

Elizabeth Yano, PhD

- Adriana Rodriguez, PhD
- Lori Bastian, MD, MPH
- Amanda Borsky, DrPH, MPP
- Alison Hamilton, PhD, MPH
- Jodie Katon, PhD, MS
- Bevanne Bean-Mayberry, MD
- Dawne Vogt, PhD







An Evidence Map of the Women Veterans' Health Literature (2016 – 2023)

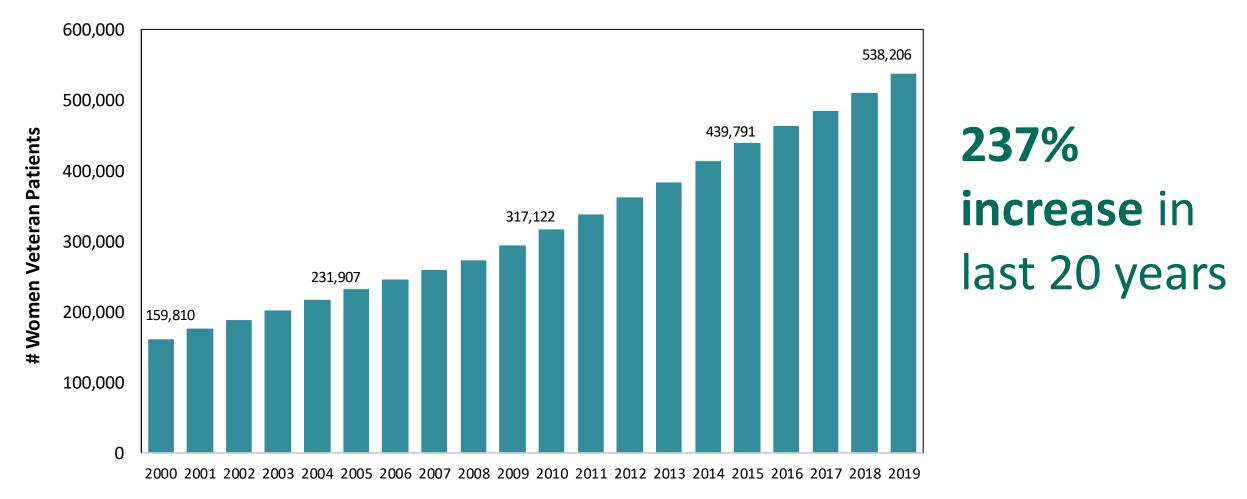
August 2024

Full-length report available now

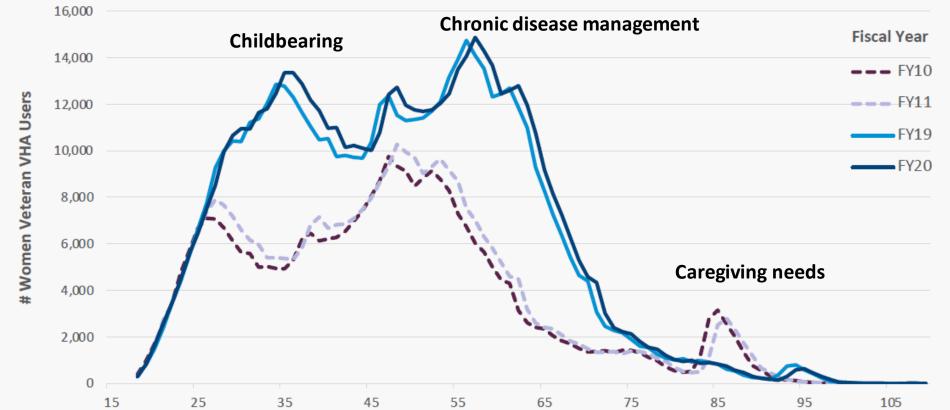


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Number of Women Veteran VHA Patients in Each Year, FY00-FY19



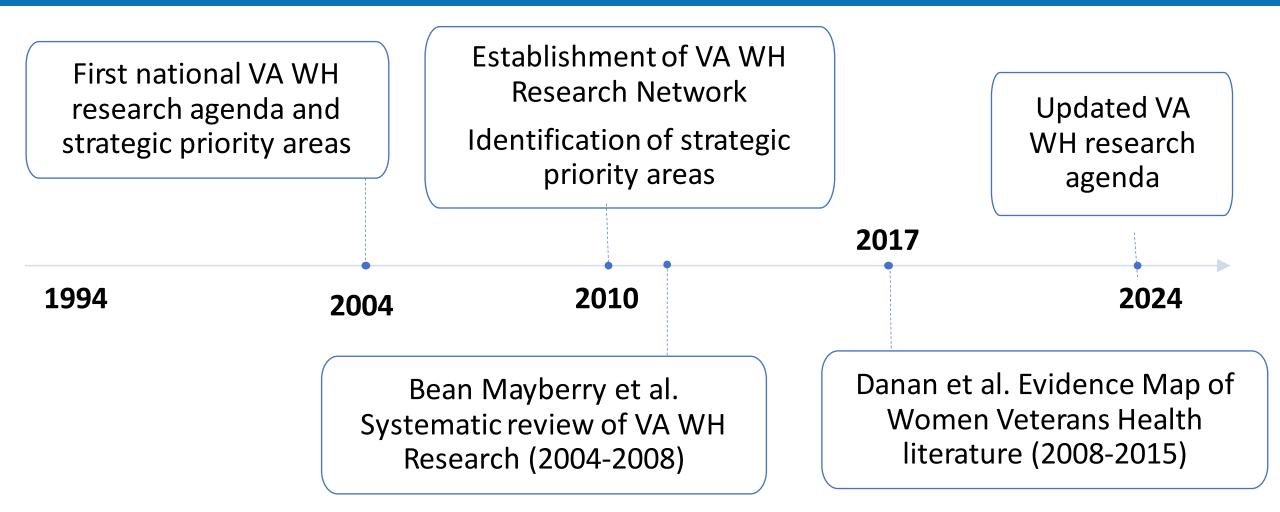
Cohort: Women Veteran VHA patients in each year. Women in FY00: N=159,810; Women in FY19: N=538,206. Source: WHEI Master Database, FY00-FY19



Age Distribution of Women Veterans in VA FY10-FY20



Women Veteran research is growing also





Our goal is to describe the **breadth and depth** of Women Veterans' health literature from 2016-2023

What is an Evidence Map?

- A review that "aims to identify what is known about a topic, what research exists on a particular research question"
- What can an evidence map tell us?
 - A broad overview of a topic area
 - Areas of richness in a body of literature
 - Areas for future growth
- What does an evidence map <u>not</u> tell us?
 - Synthesis of findings within and across a body of literature
 - Summary effect estimates

We used rigorous Evidence Map methods

Searched multiple databases from 1/2016 to 10/2023 Identified articles that report health outcomes **specifically for Women Veterans**

Team was trained and calibrated Screened every citation by title & abstract and then full text

Abstracted key article info Grouped articles by focus area We grouped articles by primary and secondary focus areas that were **previously identified as critically important to women Veterans' health**



Focus Areas



Mental Health

- General Mental Health
- Suicide/Self-Injury
- Substance Use
- Reproductive Mental Health

Focus Areas



Mental Health

- Medical Conditions
- General Mental Health
- Suicide/Self-Injury
- Substance Use
- Reproductive Mental Health

- Chronic Conditions
- Reproductive Health
- Chronic Pain
- Preventive Health
- Cancer
- Long-term care & Aging

Focus Areas



Mental Health

- General Mental Health
- Suicide/Self-Injury
- Substance Use
- Reproductive Mental Health

Medical Conditions

- Chronic Conditions
- Reproductive Health
- Chronic Pain
- Preventive Health
- Cancer
- Long-term care & Aging

Other focus areas

- Interpersonal violence
- Harassment & Discrimination
- Other Violence
- Access to Care
- Healthcare
 Organization
- Toxic Exposure
- Social Determinants of Health





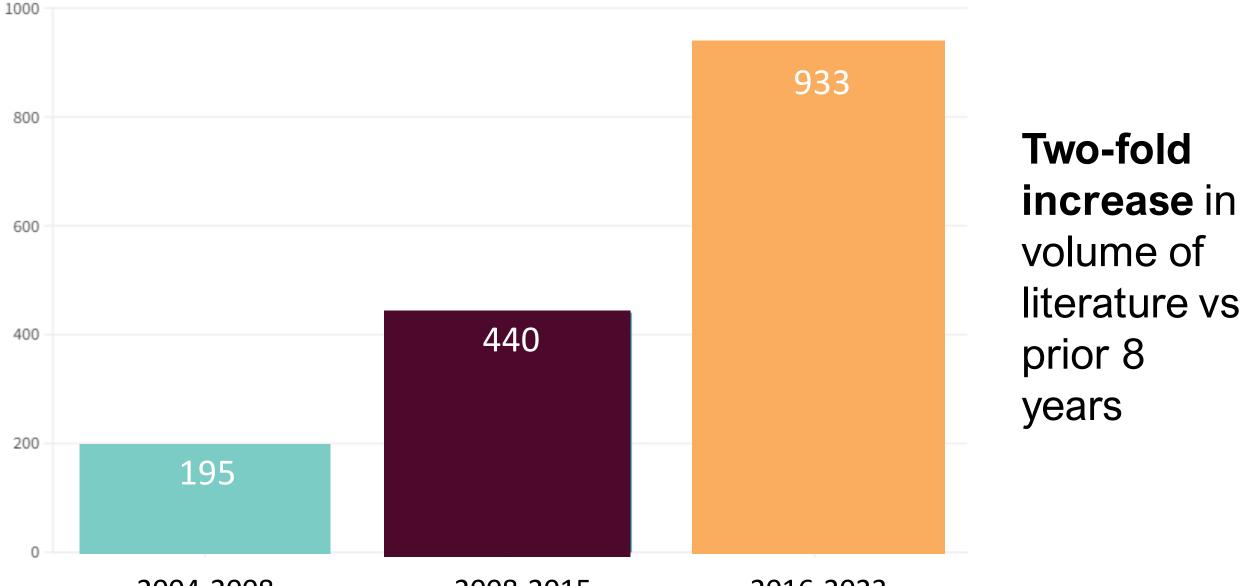
4,205 articles reviewed at title & abstract



1,762 reviewed at full-text

933 articles met eligibility criteria

Number of Women Veterans' Health Publications by year



2004-2008

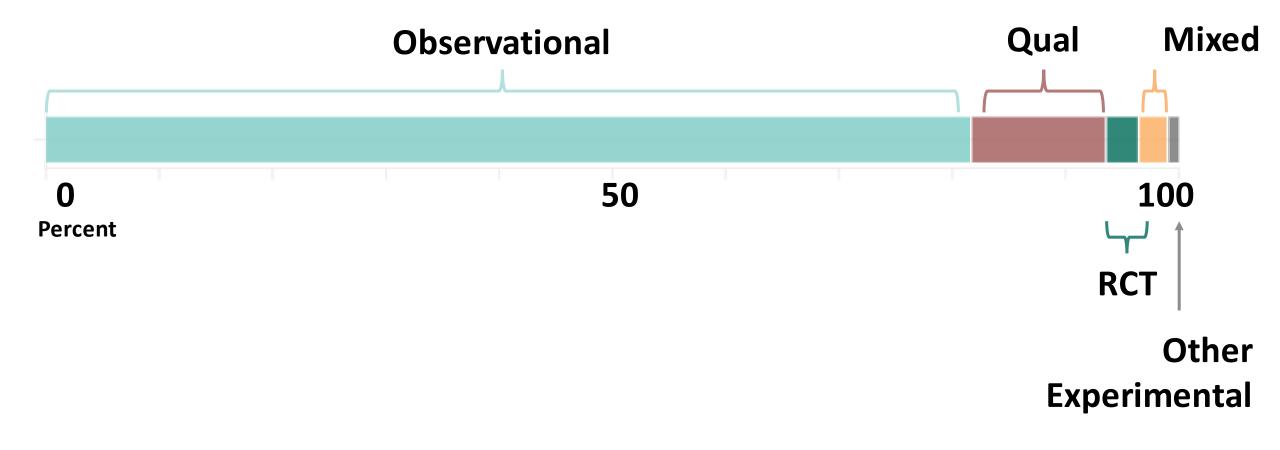
2008-2015

2016-2023



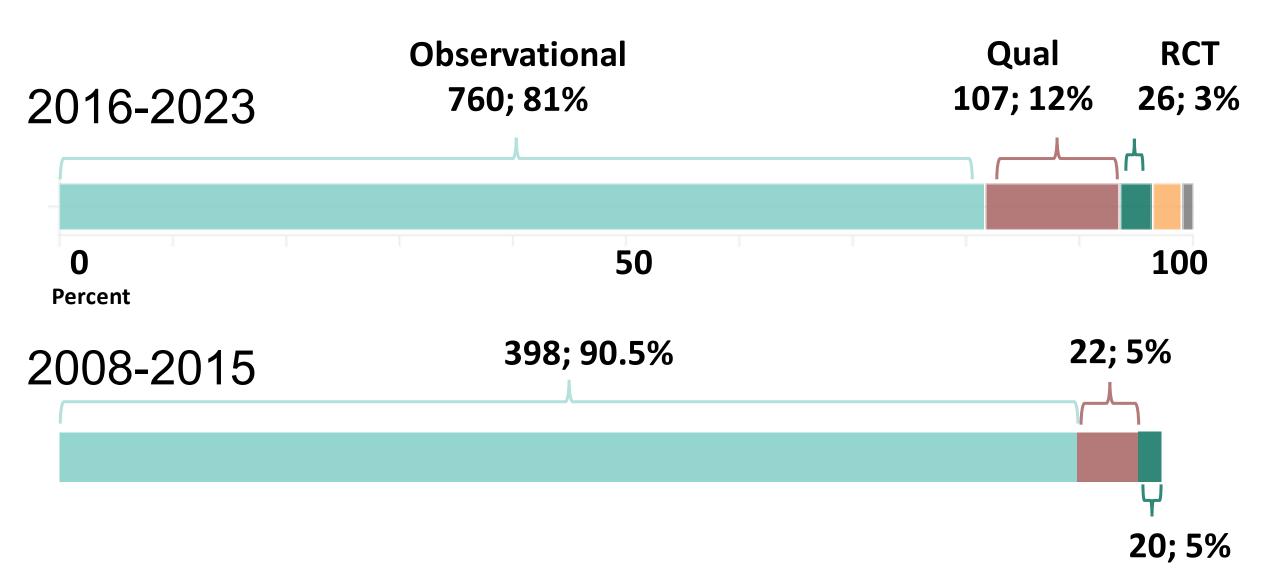
599 unique first authors

What kinds of studies were represented?

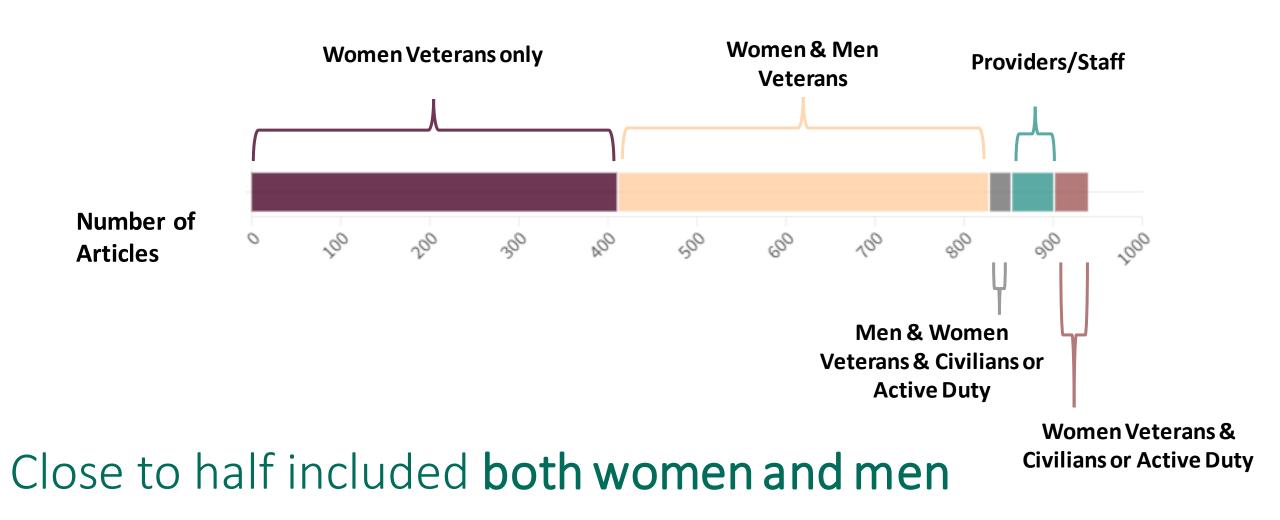


Most of the articles were **descriptive**

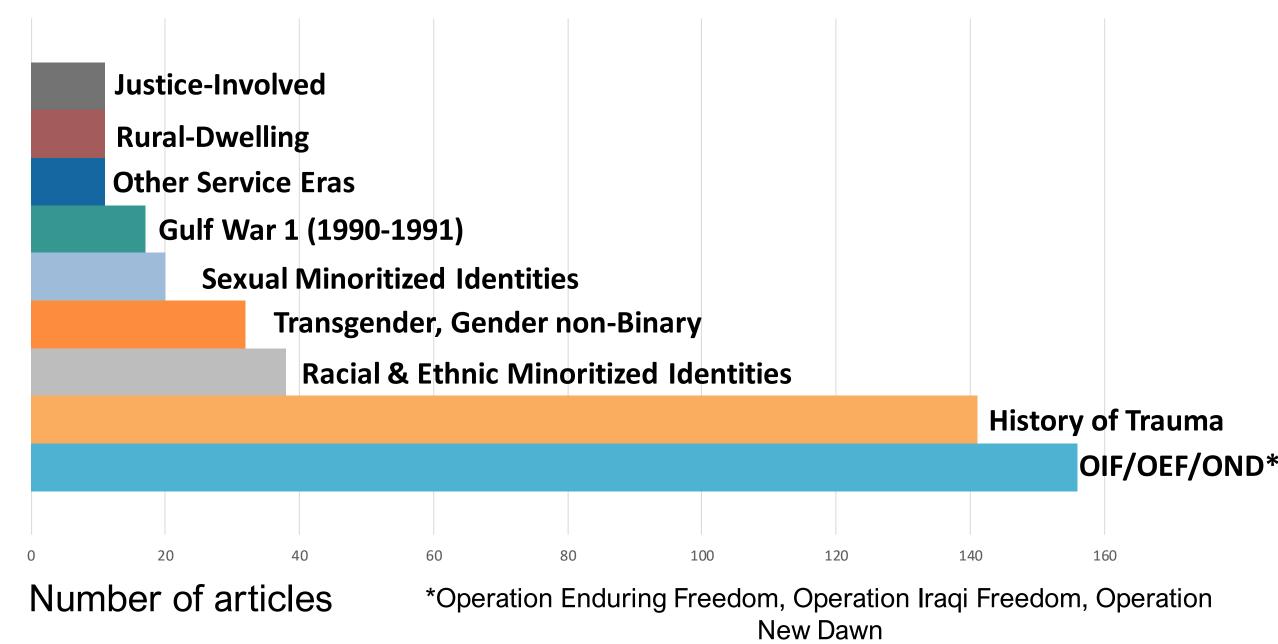
Comparison to prior map:



Who were the participants?



Which populations were sought for inclusion?



Most articles reported if funded or not (91%, 850)



592 articles reported a single source of funding

210 articles reported multiple sources of funding

48 articles reported no funding

Portion of studies reporting at least some funding from:

VA: 73%



NIH: 20%

Dept of Defense: 5%

University: 4%

Foundation: 3%

Industry: 3%

Mental Health Medical Conditions Other focus areas









Focus areas under Mental Health

350 Articles

General Mental Health

Suicide/Self-injury

Substance Use

Reproductive Mental Health

Number of articles per focus area

203

71

General Mental Health

Substance Use

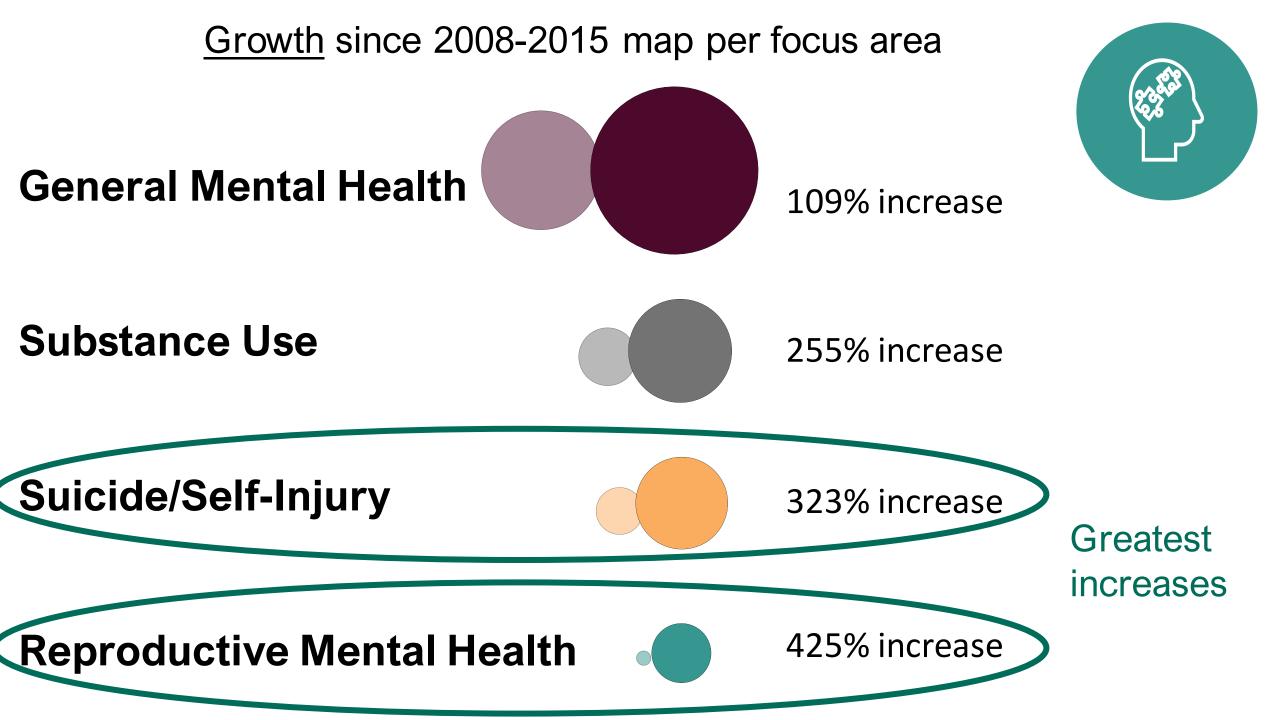
Suicide/Self-Injury

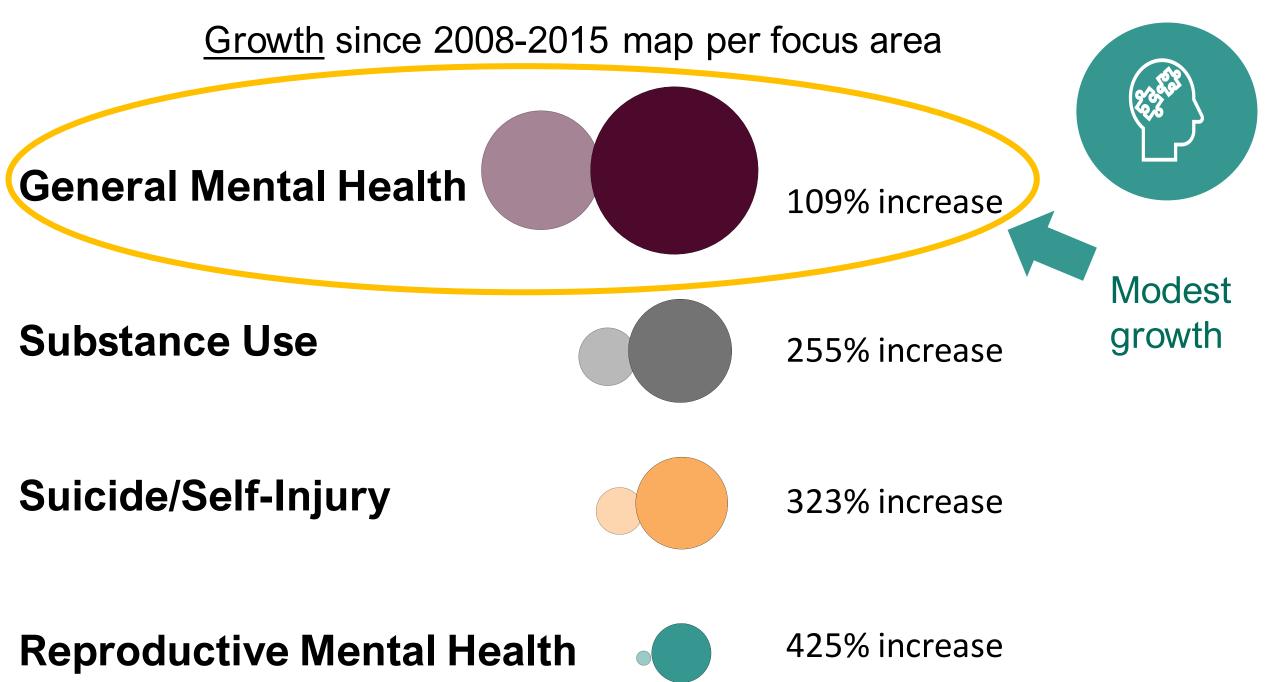


General Mental Health is the largest overall category and includes PTSD, depression, disordered eating

Reproductive Mental Health







Highlighted Focus Areas

General Mental Health (k=203)



- 13 RCTs primarily focused on patient-level treatment and screening approaches
- 114 studies with women and men, 80 WV only
- 57 articles prioritized OEF/OIF/OND Veterans
- 51 prioritized Veterans with a history of trauma



General Mental Health (k=203)



- 161 observational studies
- 13 RCTs primarily focused on patient-level treatment and screening approaches
- 114 studies with women and men, 80 WV only
- 57 articles prioritized OEF/OIF/OND Veterans
- 51 prioritized Veterans with a history of trauma
- 95 articles focused on PTSD (primarily diagnosis and care delivery)
- Most common secondary focus areas: Access to care, Interpersonal violence
- Relatively little on common conditions such as depression and anxiety
- Little focus on conditions among rural-dwelling or other minoritized populations

Substance Use (k=71)



- 4 RCTs treatment interventions (ex: gender-focused recovery model)
- 34 studies with men and women, 19 WV only
- 14 articles prioritized transgender/sexual minority Veterans
- 10 articles prioritized OEF/OIF/OND Veterans

Substance Use (k=71)



- 4 RCTs treatment interventions (ex: gender-focused recovery model)
- 34 studies with men and women, 19 WV only
- 14 articles prioritized transgender/sexual minority Veterans
- 10 articles prioritized OEF/OIF/OND Veterans
- Alcohol and tobacco were the most common substances studied
- Most common secondary focus areas: Access to Care and Preventive Health
- Topic areas include understanding gender disparities, determining prevalence of SUD, and understanding stress and substance use
- Few articles addressed opioid or other substance misuse

Reproductive Mental Health (k=21)

- 15 observational studies
- 17 WV only studies
- 2 articles prioritized Veterans with history of trauma
- 1 article each prioritized OEF/OIF/OND and rural dwelling Veterans
- 3 qualitative studies, mix of providers and Veterans

Reproductive Mental Health (k=21)

- 15 observational studies
- 17 WV only studies
- 2 articles prioritized Veterans with history of trauma
- 1 article each prioritized OEF/OIF/OND and rural dwelling Veterans
- 3 qualitative studies, mix of providers and Veterans

• Largely prevalence and risk factors of peripartum conditions and their care

- Most common secondary focus areas: Access to Care and Health Care Org
- **Example**: evaluation of internet delivered CBT for postpartum depression
- Only 3 articles addressed sexual functioning



Focus areas under Medical Conditions

344 Articles

Chronic Conditions

Reproductive Health

Chronic Pain

Preventive Health

Cancer

Long-term Care/Aging

Number of articles per focus area

Chronic Medical Conditions

Reproductive Health

Preventive Health

Cancer

Chronic pain/opioid use

Long-term Care/Aging





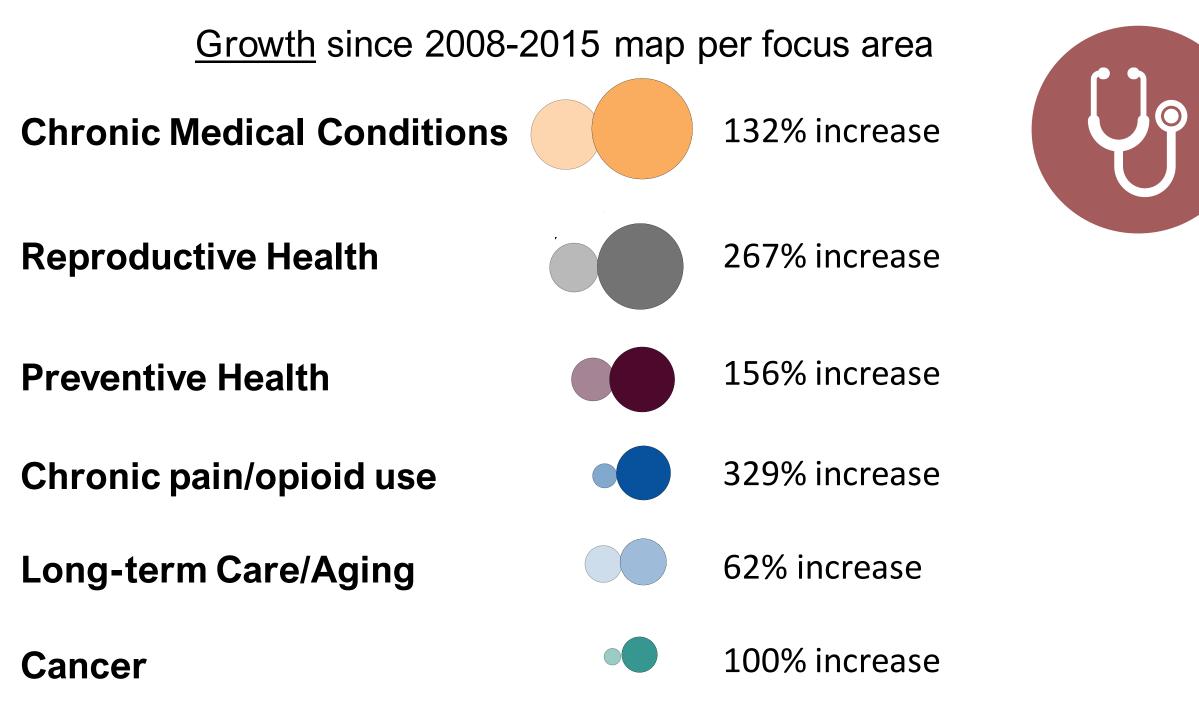


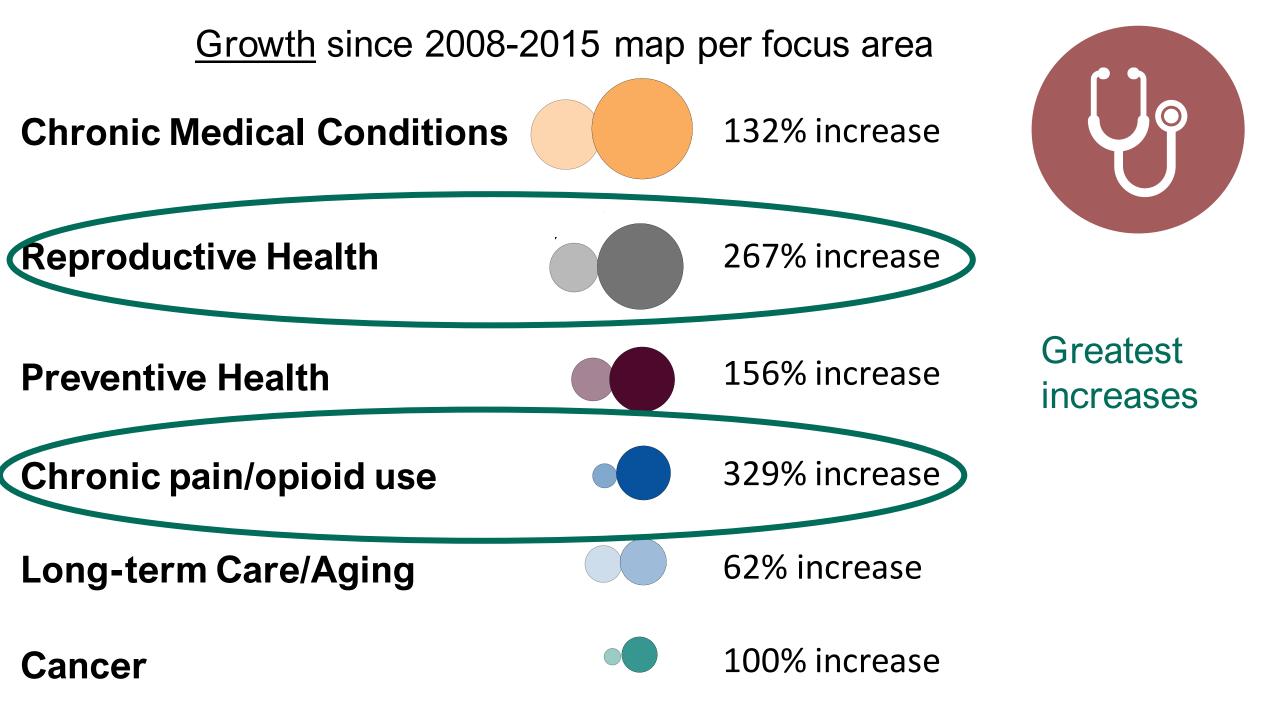


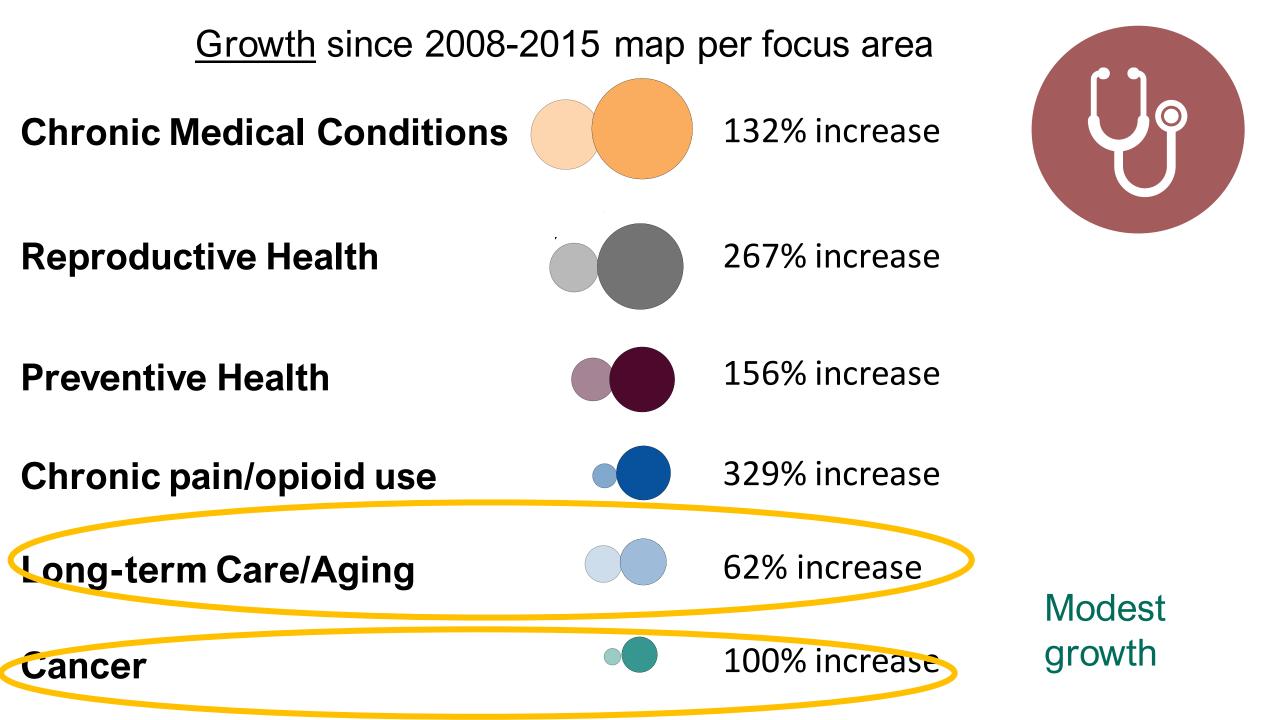


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Highlighted Focus Areas

Chronic Medical Conditions (k=137)



- 129 observational studies
- 2 RCTs, 1 systematic review
- 95 mixed gender studies, 36 WV only
- 13 studies prioritized OEF/OIF/OND Veterans
- 8 studies prioritized Gulf War Era Veterans

Chronic Medical Conditions (k=137)



- 129 observational studies
- 2 RCTs, 1 systematic review
- 95 mixed gender studies, 36 WV only
 - 13 studies prioritized OEF/OIF/OND Veterans
- 8 studies prioritized Gulf War Era Veterans
- 32 articles on cardiovascular disease (primarily atherosclerotic cardiovascular disease, k=26);
 - **Examples**: Risk calculation assessment in two large cohort studies; association of mental health and CVD
- Few articles on hypertension, back pain disorders, migraines

•

Reproductive Health (k=88)



- 79 observational studies
- 5 qualitative articles, no RCTs
- 75 WV only studies
- 15 articles included racial/ethnic minoritized Veterans
- 5 articles included OEF/OIF/OND Veterans

Reproductive Health (k=88)

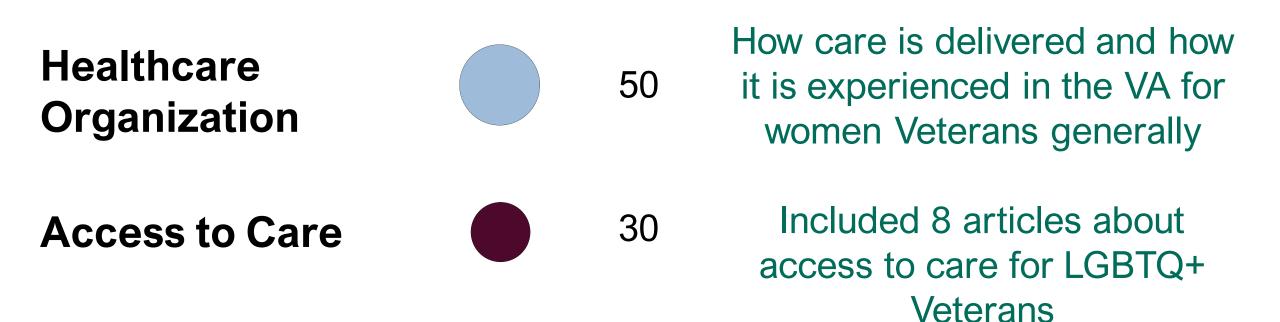


- 79 observational studies
- 5 qualitative articles, no RCTs
- 75 WV only studies
- 15 articles included racial/ethnic minoritized Veterans
- 5 articles included OEF/OIF/OND Veterans
- Largely maternal health, family planning, and uterine conditions
- Most common secondary focus areas: Healthcare Organization & Access to Care
- 7 articles focused on menopause care:
 - **Examples**: hormone therapy, vasomotor symptoms, portal based educational intervention



Structures of Care

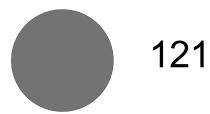
Number of articles per focus area





Trauma, Violence, and Stressful Experiences





Interpersonal violence includes intimate partner violence and military sexual trauma

Harassment/Discrimination 9

Other Violence

6

Trauma, Violence, and Stressful Experiences

Growth since 2008-2015 map per focus area



Number of articles per focus area

 Social Determinants
 30
 15 articles on housing instability

 of Health
 30
 Both are new focus areas

 Toxic Exposure
 3

Other Areas

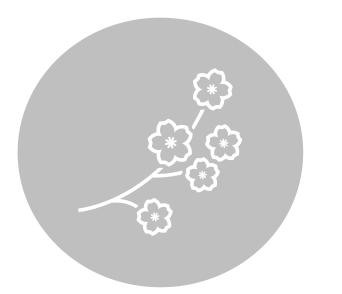
Highlighted Focus Area

Interpersonal Violence (k=121)



- 89 observational and 24 qualitative studies
- 4 RCTs
- 69 WV only
- 58 studies prioritized Veterans with a history of Trauma
- 26 studies prioritized OEF/OIF/OND Veterans

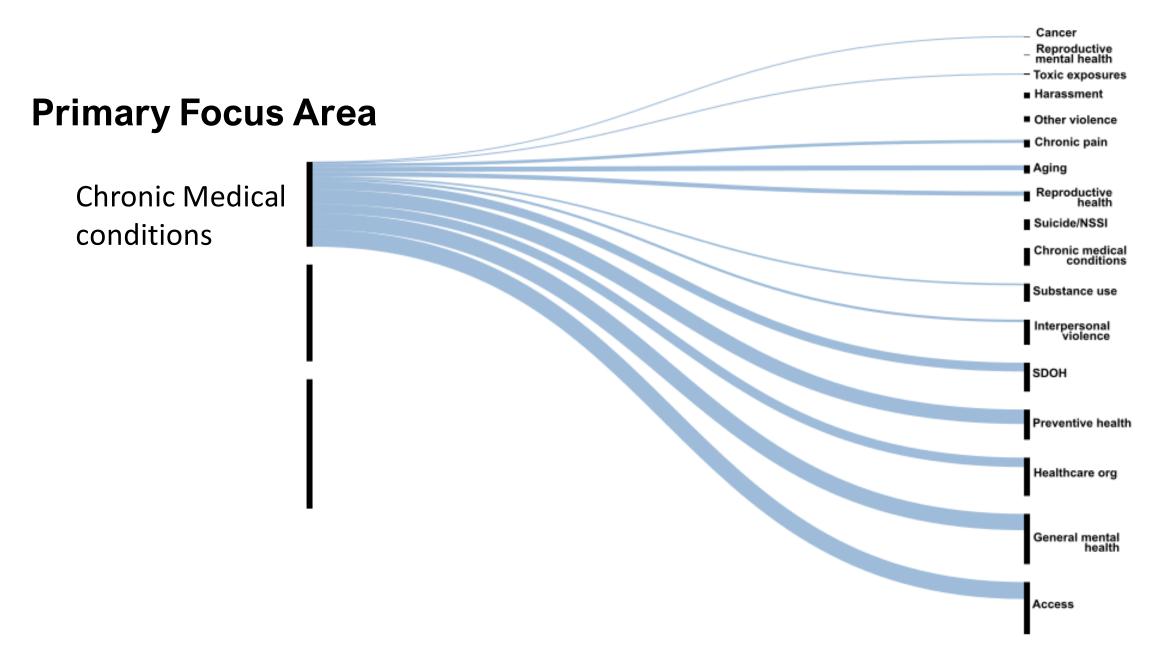
Interpersonal Violence (k=121)



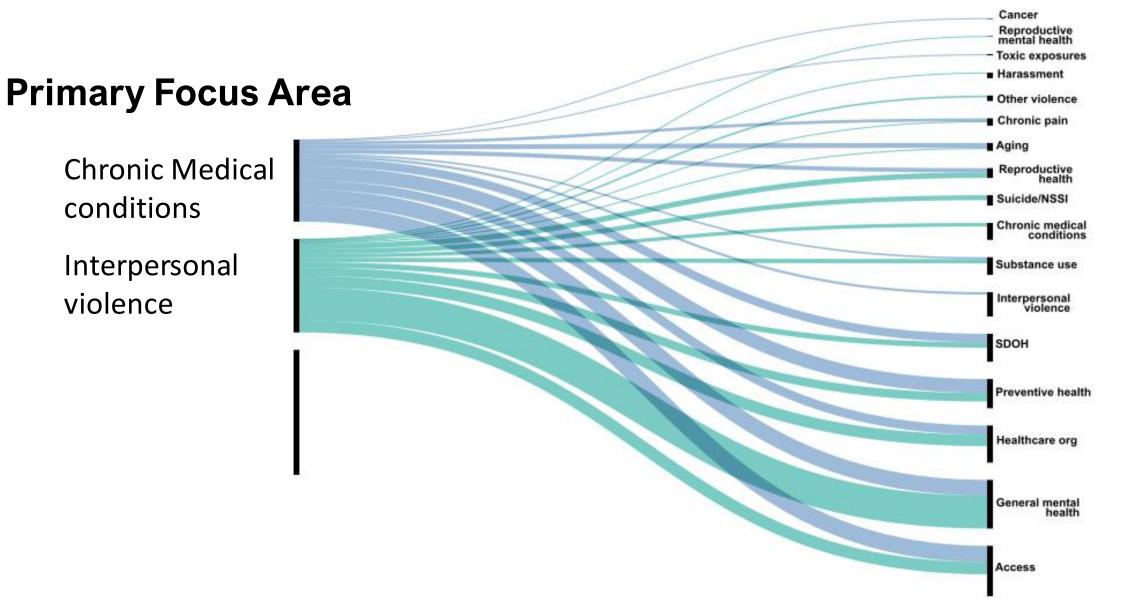
- 89 observational and 24 qualitative studies
- 4 RCTs
- 69 WV only
- 58 studies prioritized Veterans with a history of trauma
- 26 studies prioritized OEF/OIF/OND Veterans
- Many articles focused on prevalence of IPV/MST or associations between IPV/MST and physical and mental health outcomes
- Top secondary focus areas: General mental health and Access to care
- Examples: Qualitative studies focused on understanding MST and VA care experiences; 1 RCT looked at implementation of intimate partner violence screening

Secondary Focus areas

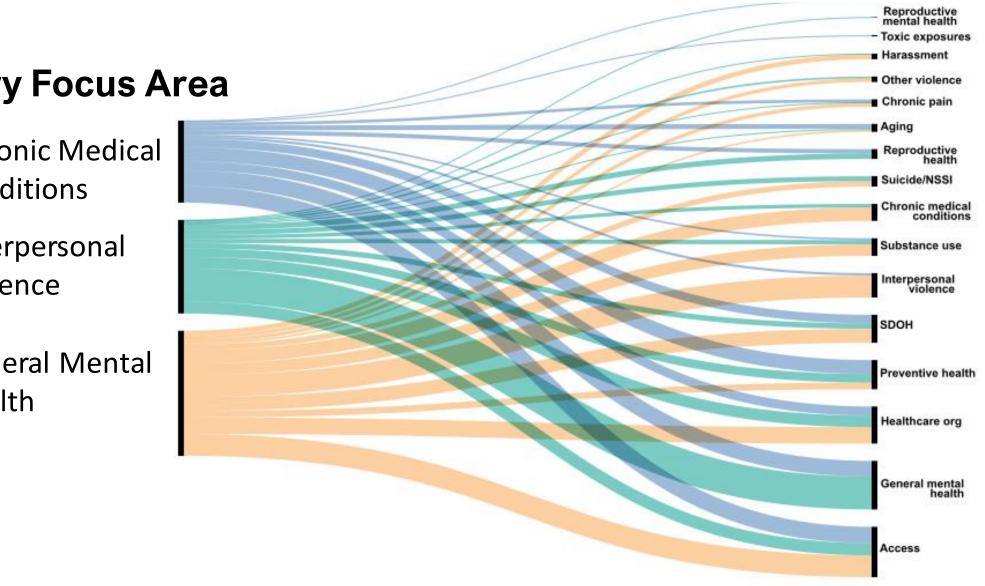
Secondary Focus Area



Secondary Focus Area



Secondary Focus Area



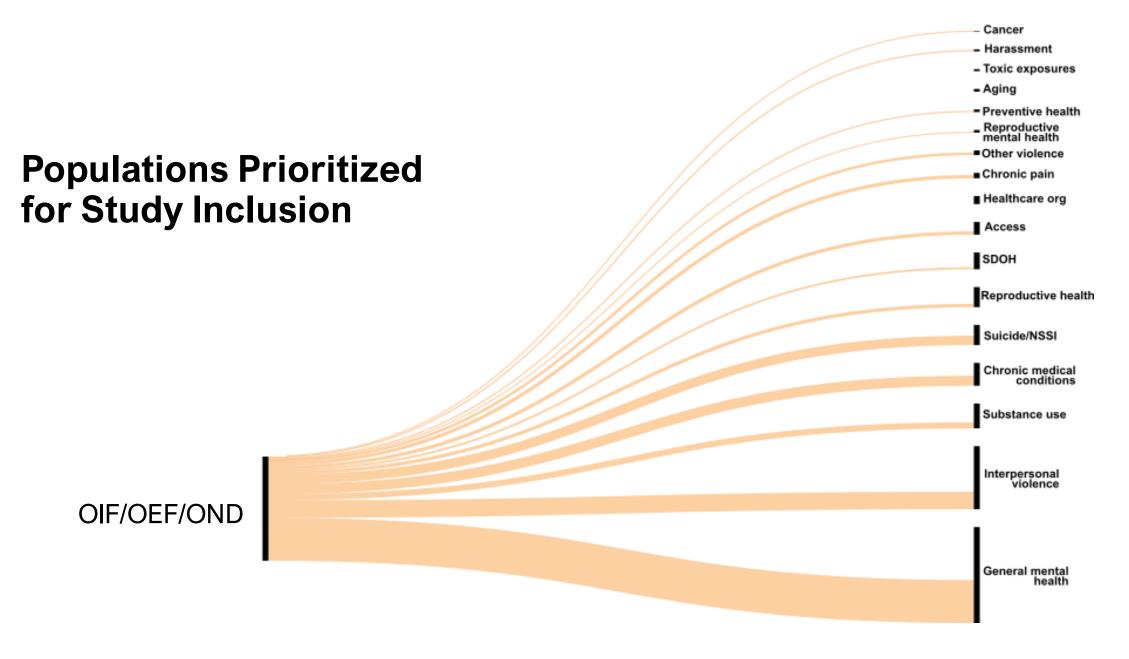
Primary Focus Area

Chronic Medical conditions

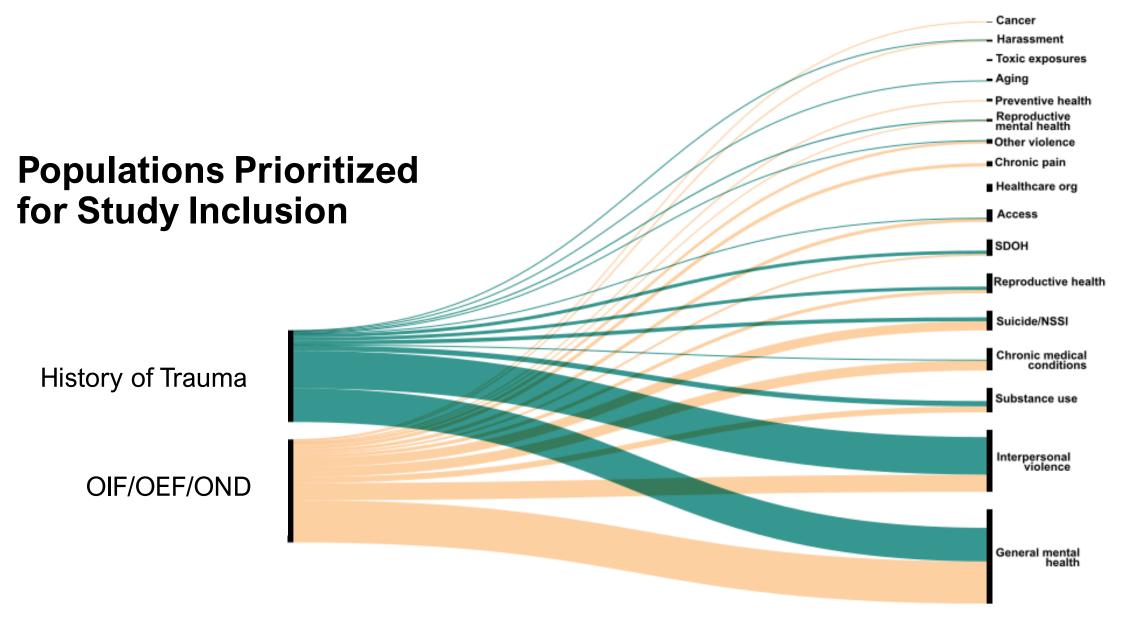
Interpersonal violence

General Mental Health

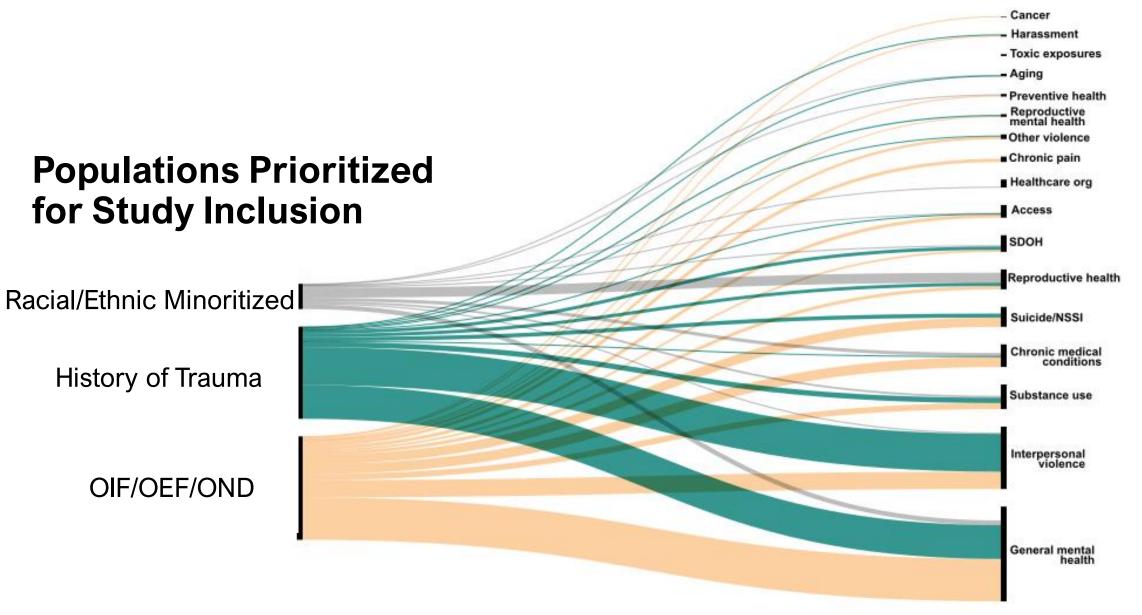
Primary Focus Areas



Primary Focus Areas



Primary Focus Areas



How to use this evidence map

- Identify rich areas for further exploration and possible systematic reviews
- Identify gaps in need of additional investigation
- Consider differences by populations
- Push areas along the innovation pipeline



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SUMMARY OF INCLUDED STUDIES

	Systematic Reviews k = 17	Other (Methods Development, Protocols, Program Eval/QI) k = 71	Qualitative k = 106	Observational k = 686	Mixed Methods	Experimental	
						Efficacy/Effective- ness <i>k</i> = 22	Implementation k = 10
Preventative health	0 studies	7 studies	6 studies	30 studies	1 study	1 study	1 study
			Median participants: 27.5	Median participants: 329,965.5	Median participants: 5	Median participants: 883	Median participants: 58,159
			4 studies of women only	9 studies of women only	0 studies of women only	1 studies of women only	0 studies of women only
Access to care/utilization	1 study	0 studies	7 studies	20 studies	1 study	0 studies	1 study
			Median participants: 51	Median participants: 6,728	Median participants: 68		Median participants: 11,337
			4 studies of women only	11 studies of women only	0 studies of women only		0 studies of women only
Health care delivery	1 study	13 studies	15 studies	19 studies	2 studies	0 studies	0 studies
			Median participants: 35	Median participants: 1,395	Median participants: 22		
			7 studies of women only	6 studies of women only	1 studies of women only		
Reproductive	1 study	7 studies	6 studies	69 studies	3 studies	0 studies	2 studies
health			Median participants: 28.5	Median participants: 1,341	Median participants: 979		Median participants: 12,206
			5 studies of women only	59 studies of women only	2 studies of women only		2 studies of women only
Chronic medical conditions	1 study	8 studies	5 studies	120 studies	1 study	1 studies	1 study
			Median participants: 24	Median participants: 58,525	Median participants: 119	Median participants: 481	Median participants: 14,792
			2 studies of women only	27 studies of women only	1 studies of women only	0 studies of women only	0 studies of women only

INCLUDED STUDIES

Author, Year	Title	Target Population	Secondary Focus Area	Sub-Focus Area
General Mental Health				
Liu, 2019 ³⁷⁵	The prevalence and trend of depression among Veterans in the United States	General population/not specified	N/a	Depression
Davis, 2016 22	Women Veterans with Depression in Veterans Health Administration Primary Care: An Assessment of Needs and Preferences	General population/not specified	N/a	Depression
Sairsingh, 2018 ³⁷⁶	Depression in Female Veterans Returning from Deployment: The Role of Social Factors	OEF/OIF/OND	SDOH combat exposure	Depression
Anderson, 2023 377	Baseline platelet serotonin in a multi-site treatment study of depression in Veterans administration patients: Distribution and effects of demographic variables and serotonin reuptake inhibitors	General population/not specified	N/a	Depression
Lam, 2017 ²³	Differences in Depression Care for Men and Women among Veterans with and without Psychiatric Comorbidities	General population/not specified	N/a	Depression
Thomas, 2016 378	Predictors of Depression Diagnoses and Symptoms in United States Female Veterans: Results from a National Survey and Implications for Programming	General population/not specified	Health care organization/delivery of care for WVs SDOH	Depression
Borowski, 2021 379	Work-family conflict and subsequent depressive symptoms among war-exposed post-9/11 U.S. military Veterans	OEF/OIF/OND	work-family conflict	Depression
Curry, 2021 ³⁸⁰	Sex differences in predictors of recurrent major depression among current-era military Veterans	OEF/OIF/OND	traumatic experiences	Depression
King, 2023 ¹⁸	Qualitative Exploration of Factors Influencing Women Veterans' Disordered Eating Symptoms and Treatment Preferences in VHA Primary Care	General population/not specified	Access to care/utilization Health care organization/delivery of care for WVs	Disordered eating
Breland, 2017 381	Military experience can influence Women's eating habits	General population/not specified	N/a	Disordered eating
Breland, 2016 19	Women Veterans' Treatment Preferences for Disordered Eating	General population/not specified	Health care organization/delivery of care for WVs	Disordered eating



Women Veteran Research Map (2016-2023)

Evidence Synthesis Program

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CHARACTERISTICS OF INCLUDED RCTS

Page 203	Author Year N (% women)	Title	Objective	Secondary Focus Areas	Target Populations Funding		
	General Mental Health						
	Aciemo, 2021 ³⁴³ 136 (100%)	A Randomized Clinical Trial of In- person vs. Home-based Telemedicine Delivery of Prolonged Exposure for PTSD in Military Sexual Trauma Survivors	This study used a randomized controlled design to examine PTSD and depression symptom outcomes, overall number of sessions completed.	Access to care/utilization	History of trauma DOD		

Women Veteran Research Map (2016-2023)

Evidence Synthesis Program

CHARACTERISTICS OF INCLUDED PROGRAM EVALUATIONS AND QI STUDIES

Author, Year, N (% Women)	Title	Objective	Secondary Focus Areas	Target Populations Funding
General Mental Health				
Bauer, 2021 ³⁵⁵ 80 (66%)	A Resource Building Virtual Care Programme: improving symptoms and social functioning among female and male rural Veterans	This project aimed to (1) identify whether webSTAIR would effectively improve PTSD and depression, (2) identify whether the programme would improve functioning, particularly social functioning and the related outcomes of emotion regulation and interpersonal skills, and (3) assess programme feasibility and satisfaction.	Health care organization/delivery of care for WV	History of trauma VA



Summary



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Veterans Health Administration Health Systems Research

WV Health Research is Rapidly Growing

- 933 articles published since 2015
- The volume of Women Veterans' health literature is <u>double</u> that of the prior 8 years
- Largest areas related to:
 - General Mental Health (including PTSD)
 - Interpersonal Violence
 - Chronic Medical Conditions



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Veterans Health Administration Health Systems Research



- Areas with the greatest growth include:
 - Reproductive Health
 - Reproductive Mental Health
 - Suicide/non-suicidal self-injury
 - Chronic pain



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- Harassment and discrimination experienced at health care facilities
- Military-related toxic exposures
- Health issues among transgender and gender non-binary individuals
- Cancer care among women Veterans



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Gaps in the current WV Health literature

- Long-term care & aging
- Common chronic conditions such as hypertension, migraines, back pain
- Few clinical trials and implementations trials
- Little change in sex-stratified analyses in studies including both women and men



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Some potential areas for future reviews

- Post traumatic stress disorder
- Substance use
- Reproductive Mental Health
- Updates to interpersonal violence topics

Some potential areas for future reviews

- Post traumatic stress disorder
- Substance use
- Reproductive Mental Health
- Updates to interpersonal violence topics

Women Veteran Research Map (2016-2023)

Evidence Synthesis Program

CHARACTERISTICS OF INCLUDED SYSTEMATIC REVIEWS

Author, Year, N Articles	Title	Objective	Secondary Focus Area(s)	Prioritized Populations Funding
Mental Health Not Othe	rwise Categorized (General Mental Health)			
Creech, 2021 ¹⁷ 21	Clinical Complexity in Women Veterans: A Systematic Review of the Recent Evidence on Mental Health and Physical Health Comorbidities	The aim of this systematic review was to evaluate and synthesize research published between 2008 and 2015 and identified in the WVs Health Research Evidence Map as related to mental and physical health comorbidities among WVs.	Chronic medical conditions	N/A VA



Take home points



- 1. The volume of women Veterans' health literature has grown tremendously in the last 8 years, including in areas of particular importance for the VA
- 2. The literature largely remains observational in nature with small growth in studies that test solutions to problems or the implementation of evidence-based practices for women Veterans
- 3. Gaps remain in areas that will be particularly relevant to the growing and aging women Veteran population



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Pace R, Dancu C, Raman SR, Bridges-Curry Z, Klimek-Johnson Z, Jeevananthan A, Gallion AH, Der T, Alishahi Tabriz A, Sprague S, Rushton S, Hammer AJ, Sims CA, Coleman JN, Martino J, Cantrell S, Gordon AM, Jacobs M, Alexopoulos A, Gierisch JM, Goldstein KM.

An Evidence Map of the Women Veterans' Health Literature (2016 – 2023).

Washington, DC: Evidence Synthesis Program, Health Services Research and Development Service, Office of Research and Development, Department of Veterans Affairs. VA ESP Project #09-010; 2024

ESP funding #09-010 Durham Center of Innovation to Accelerate Discovery and Practice Transformation (ADAPT) (CIN 13-410) at the Durham VA Health Care System



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If you have questions, please contact:

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Yano et al. Towards a VA Women's Health Research Agenda. JGIM. 2006

Bean Mayberry et al. Systematic Review of VA Women's Health Research: 2004-2008. ESP report. 2010

Danan et al. An Evidence Map of the Women Veterans' Health Literature (2008-2015). ESP report 2017

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Khalil et al. Advancing the methodology of mapping reviews: A scoping review. Research Synthesis Methods. 2024.

Campbell et al. Mapping reviews, scoping reviews, and evidence and gap maps: the same but different – the "Big Picture" review family. Systematic Reviews. 2023



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VA Women Veterans' Evidence Map: Where do we go from here?

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Director, VA Women's Health Research Network (Consortium) Director, VA HSR Center for the Study of Healthcare Innovation, Implementation & Policy (CSHIIP) Professor of Medicine & Public Health at UCLA

November 19th, 2024

VA Evidence Synthesis Program

- Seminal evidence reviews in women's health
 - 1st evidence map (2008-15), 1st systematic review (2004-08)
 - Women's health centered systematic reviews
 - Prevalence of intimate partner violence among Veterans (2021)
 - Telehealth services designed for women (2017)
 - Non-pharmacologic treatments for menopause-associated vasomotor symptoms (2016)
 - Sex effects in high-impact conditions for women Veterans depression, diabetes, and chronic pain (2015)
 - Screening pelvic exams in asymptomatic average risk adult women (2013)
 - Health effects of military service on women Veterans (2011)
- Critically advancing foundations for evidence-based research, evaluation, and improvement



- Volume of relevant literature grown dramatically
 - Testament to the hard work of a *national Consortium* of VA researchers and operational partners dedicated to using research to improve women Veterans' care
 - Benefited/benefits from systematic strategic planning and communication of VA priorities and women Veteran needs
 - Marked increase in intervention studies \rightarrow implementation
- Evidence maps extremely useful tool for gauging agenda progress while also identifying gaps
 - Allows for assessment of large, diverse literature
 - However, does not provide us with summary of knowledge gained or answers to specific questions



- For last evidence map, WHRN engaged national research work groups on topical systematic reviews
 - Yielded evidence reviews on reproductive health, substance use disorders, and multimorbidity
 - Yielded assessment of reporting of results by sex or gender in RCTs with women Veteran participants (2019)
 - Also supported previous spinoff systematic review of women Veterans' mental health (2014)
- *This time,* we have even more published articles per topical area, enabling even more systematic reviews
 - Entire article batch will be shared with WHRN to launch



- Topics for which systematic reviews building off of the evidence map may be warranted
 - General mental health likely too large (k=203) but thematic work (types of mental health) possible
 - k=95 for PTSD; k=57 for OEF/OIF/OND Veterans as a subgroup)
 - Substance use disorders (k=71)
 - Suicide/self-injury (k=55)
 - Reproductive mental health (k=21)
 - Medical conditions
 - Chronic medical conditions (~complexity) (e.g., CVD) (k=137)\
 - IPV (k=121)
 - Updated reproductive health systematic review (k=88)
 - Chronic pain/opioid use (k=30)



- Evidence map results already integrated into VA women's health research priority setting
 - Results shared as part of a VA expert panel among 12 program office leaders to set priorities for next NOSI*
- Researchers may leverage the evidence map for stage-setting their own grant proposals
- Anticipate this may be the last evidence map on women Veterans' research literature
 - Will work with VA program offices to help generate more specific questions to pose through systematic review



- WHRN sponsoring several new research work groups (e.g., military exposures, menopause, aging)
- Other VA Office of Research & Development and Program Office funded projects ongoing (e.g., VA CSP Women's Enhanced Recruitment Process, COURAGE)
- Abundant opportunities to explore differences by sex and gender using existing VA data
- Emphasis on moving to intervention, implementation and rigorous program evaluation

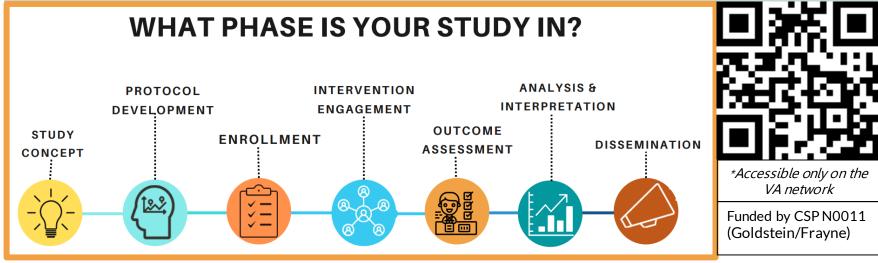




Introducing the WERP Toolkit https://bit.ly/WERPToolKit

The WERP Toolkit supports research teams in addressing the challenges of recruiting women Veterans into clinical trials. The toolkit provides suggestions for effective strategies for increasing recruitment and retention of women Veterans in VA research, such as:

- () Staff training resources to support the participation of women Veterans in clinical trials
- () Suggestions for adjusting recruitment efforts to account for the distinct settings where women receive care within VA.
- () Tips for tailoring study messaging for women Veterans



Get Involved!



- ✓ Subscribe to the VA WHRN Consortium Group Email: <u>https://varedcap.rcp.vaec.va.gov/redcap/surveys/?s=CDFTRTNJK79PF</u> <u>4YE</u>
- Contact: Jessica Friedman, PhD, <u>Jessica.Friedman@va.gov or</u> <u>whrn@va.gov</u> with ideas for future cyberseminars focused on women's health.

