



White Paper Webinar Series

Strengthening the Pipeline from Service to STEM

A series focusing on the future of Women Veterans in STEM



Women
Veterans

Oct 13



Transition
Services

Oct 20



STEM
Workforce

Oct 27



STEM
Education

Nov 10



Health &
Well-being

Nov 17

3:30 - 4:30pm Eastern



White Paper Webinar Series



This material is based upon work supported by the National Science Foundation under Grant No. 1932651. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.



White Paper Webinar Series

Welcome!



Transition
Services



STEM
Education



Women
Veterans



STEM
Workforce



Health &
Well-being



White Paper Webinar Series

Our goal is to increase the number of women veterans entering STEM careers



Transition
Services



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Education



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Health &
Well-being



The EDC Team



Rebecca Lewis
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Convening Chairs



Tony Dean
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Rosalinda Vasquez
Maury
Syracuse University



Micah Taylor
*Hire Heroes USA &
Idaho Air National Guard*



**STEM
Education**



**Transition
Services**



**STEM
Workforce**



**Health &
Well-being**

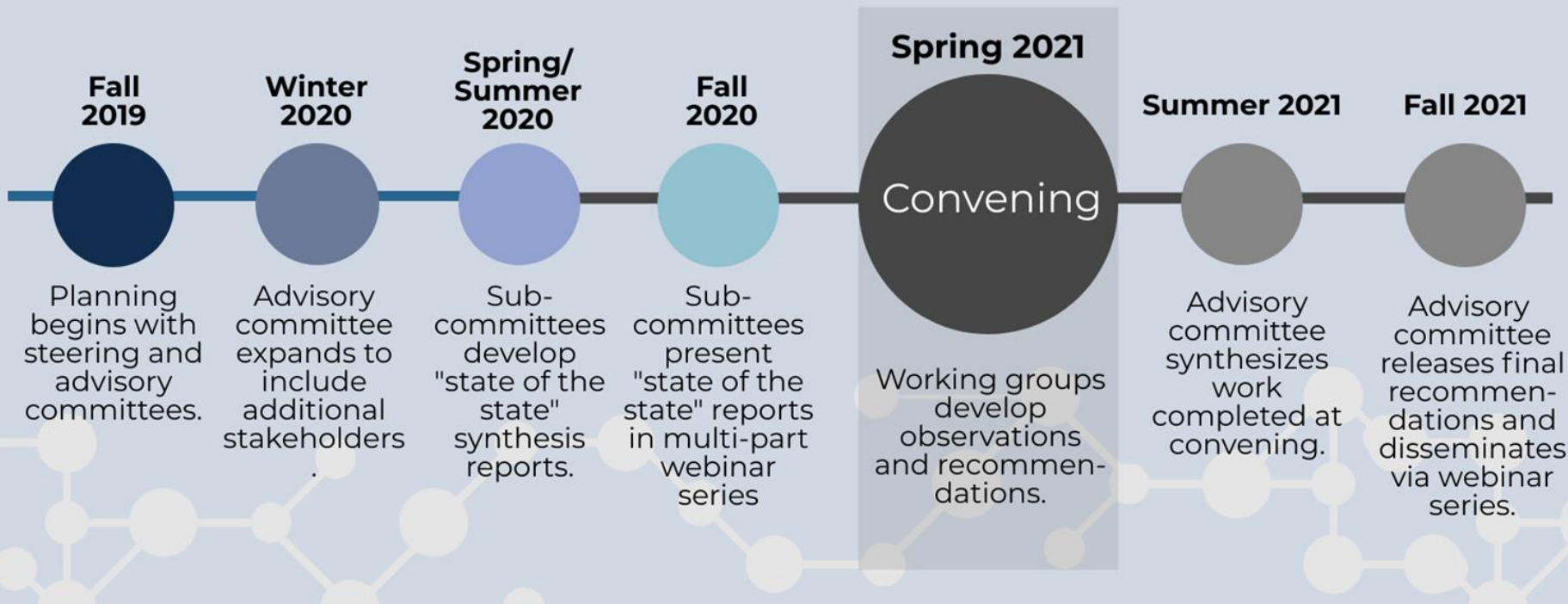


Advisory Committee





Convening Timeline





White Paper Series



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Poll



Image courtesy of pixabay.com



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Issues Affecting the Health and Wellbeing of Women Veterans in STEM Careers



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Advisory Committee Health & Wellbeing

Mira Brancu, Duke University & Dept. Veterans Affairs*

Angela Dickson, TechnipFMC, Prairie View A&M

Cherissa Jackson, AMVETS National Headquarters

Ariel Shivers-McGrew, Tactful Disruption, LLC

Michelle Kelley, Old Dominion University

Rebecca Thompson, George Mason University

Defining Health and Wellbeing



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What specific challenges to health and wellbeing do women veterans face when seeking careers in STEM?



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Health &
Well-being

What specific challenges to health and wellbeing do women veterans face when seeking careers in STEM?

Most are same as their male counterparts:

- Trauma exposure & potential for related PTSD
- Holding on to identity
- Difficulty connecting with civilian culture



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What specific challenges to health and wellbeing do women veterans face when seeking careers in STEM?

Other challenges are compounded by gender. Employment is affected by:

- Family & traditional role expectations
- Sexism in the workplace, compounded further by racism
- Higher unemployment rates compared to men despite higher education



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What specific challenges to health and wellbeing do women veterans face when seeking careers in STEM?

Additional disparities by gender are found within health & wellbeing needs:

- Trauma exposure includes MST (VA data: 29% female vs 1.6% male)
- Difficulty finding female healthcare providers.
- Less social and financial support compared to male Veterans when seeking treatment (+ more pronounced in rural areas).



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How can service-related mental health issues pose challenges to women veterans seeking STEM employment?



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What is satisfying, rewarding employment and how can it protect against negative health outcomes?



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What resources exist to support and build resilience among women veterans?



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Hot off the Press!

The image shows the cover of a report from the Education Development Center (EDC). The title is "Women Veterans in STEM" and the subtitle is "Strengthening the Pipeline from Service to STEM". Below the title is a diagram showing a pipeline with five stages: Women Veterans, STEM Education, Health & Well-being, STEM Workforce, and Transition Services. The report is identified as "ARTICLE 5 of 5". A paragraph at the bottom describes the report as part of a National Science Foundation-funded project seeking to improve participation by women veterans in the STEM workforce.

EDC Education Development Center

Women Veterans in STEM

Strengthening the Pipeline from Service to STEM

A series focusing on the future of Women Veterans in STEM

Women Veterans | STEM Education | Health & Well-being | STEM Workforce | Transition Services

ARTICLE 5 of 5

This paper was developed as part of a National Science Foundation-funded project seeking to improve participation by women veterans in the STEM workforce. It is the first of five papers aimed at providing a snapshot of what is currently known about women veterans' participation in the STEM workforce, factors that affect their participation, and promising practices to increase participation and success in these fields. A convening in early 2021 will bring together key stakeholders to discuss the implications of these findings and how to best strengthen and scale the impact of existing initiatives to support women veterans' success.

Issues Affecting the Health and Well-being of Women Veterans in STEM Careers

Defining health and well-being

bit.ly/WomVetHealthWP



tion notes that there are a number of different factors that affect health, including personal, social, economic, and environmental.² There many different definitions of well-being; most agree that at a minimum it includes physical health, presence of positive emotions, the absence of negative emotions along with a general satisfaction with life, and the feeling of fulfillment.³ Just as there are factors that contribute to one's health, there also are fac-

wellness, which include the following:

Emotional—developing skills and strategies to cope with stress;
Financial—satisfaction with current and future financial situations;
Social—developing a sense of connection and a robust support system;
Spiritual—the search for meaning and purpose in the human experience;



Opening up a dialogue



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Q & A



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