2024 – 2028 NIH-Wide Strategic Plan on Research on the Health of Women

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ACRWH: October 18, 2022
OVERARCHING GOAL

The FY2024 – FY2028 strategic plan aims to provide a road map to guide NIH-wide research on the health of women.

RFI Respondents
(Public, Private, Non-Profit, Advocacy)

FY2024 – FY2028 Strategic Plan
ACRWH Working Group on the 2024-2028 NIH-Wide Strategic Plan on Research on Women’s Health

Co-chairs: Samia Noursi, PhD, Associate Director for Science Policy, Planning, and Analysis, Office of Research on Women's Health (ORWH), NIH
Alyson McGregor, MD, Professor of Emergency Medicine, University of South Carolina Greenville

Charge: The Working Group will address the current state of science on the health of women, research gaps, and identify goals and objectives that ORWH needs to prioritize from 2024 – 2028.

In addition, the WG will review the implementation of the 2019 – 2023 Trans-NIH Strategic Plan on Research on Women’s Health by the NIH Institutes, Centers, and Offices (ICOs) and the evaluations of their plans’ implementation.

ACRWH Action: Vote to approve Content Areas at the end of this presentation
2024—2028 NIH-Wide Strategic Plan on Research on the Health of Women

**ORWH/ACRWHI**
- Collects and Analyzes Data
- ORWH/ACRWHI Activities and Analysis
- ORWH Recruits and Assigns Topic Areas
- ORWH Shares with Working Group

**ACRWHI**
- Establishes and Participates
- ACRWH Establishes and Participates
- ORWH Recruits Representatives

**ICO Reps, & Federal Partners**
- RFI
- Strategic Plan Content Areas
- Strategic Plan Working Group
- ACRWH Participates

**Thinktank Groups**
- Shared with
- Draft

**Strategic Plan Goals Draft**
- Working Group Approves
- Draft

**Strategic Objectives & Metrics**
- Shared with
- Draft

**ORWH Drafts for July 2024 Publication**

**I&E Guide**

**Strategic Plan Draft**
- ORWH Drafts

**ORWH Drafts**
- ORWH Finalizes and Publishes January 2024

**Acronyms and Abbreviations**
- ACRWH: Advisory Committee on Research on Women’s Health
- CCRWH: Coordinating Committee on Research on Women’s Health
- ICOs: Institutes, Centers, and Offices of NIH
- I&E: Implementation and Evaluation
- ORWH: Office of Research on Women’s Health
- P&E: Planning & Evaluation Officers Committee

**National Institutes of Health Office of Research on Women’s Health**
## Content Analysis Data Collection

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*Remaining five IC Directors scheduled for November 2022*
Content Analysis and Result Summary: Key Points to Remember

• Regarding the content analysis:
  - Data coding accounted for inter-rater consistency
  - Identified content areas may not be mutually exclusive

• The FY2024 – FY2028 strategic plan aims to provide a road map to guide NIH-wide research on the health of women. Therefore, we should:
  - Recommend broader research areas to inform the development of strategic goals, objectives, and evaluation metrics
  - Not target specific diseases or health conditions; ICOs will address those topics based on their scientific mission
  - Respect ICOs’ decisions in terms of how to define any terminologies, and operationalize the study designs
Consider how the intersection of social and biological factors affect the health of women:

- Study the health of women in context; across the life course and lifespan as a continuum
- Diverse populations: Consider minority health, health disparities, and health equity
- Multidimensional influences: Gender norms, gender identity, structural sexism and racism, policy change, etc.
- Intersection of the social determinants of health, behavioral, environmental, and biological factors

Support the development of data science, innovative research methods and measurements, and cutting-edge technologies for the health of women:

- Advocate data-sharing and increase data accessibility
- Promote big data analysis, sophisticated modeling methods, artificial intelligence (AI), and machine learning (ML) research
- Repeated measurements and longitudinal analyses to characterize the health of women over time
- Support tool and technology development to facilitate disease screening, diagnosis, and treatment
- Recruit women in clinical studies
Support biomedical workforce training and promote women scientists’ career development to advance the health of women:

- Develop a well-trained and diverse scientific workforce
- Increase the representation of women scientists in the workforce; address issues in relation to recruitment, retention, re-entry, promotion, and burnout
- Suggest actions to enhance funding equity

Advance basic science and translational research to improve the health of women:

- Continue to promote SABV principles and related efforts, and evaluate SABV implementation outcomes
- Examine the pathways of disease progressions and the underlying mechanisms to facilitate prevention, diagnosis, and develop treatments
- Improve translational research outcomes; use preclinical study and animal model results to inform human subject research

Encourage community engagement and promote implementation science for the health of women:

- Apply study results to the practices; inform effective and culturally-competent interventions
- Collaborate with communities and organizations to improve healthcare delivery and implementation outcomes
- Develop guidance and provide the required education; ensure community engagement is sustainable
Results – Other Major Topics

Diseases and conditions that affect women and girls (uniquely or predominately)

MMM and Pregnancy; Lactation and breastfeeding

Co-Occurring: Mental health, Substance use and misuse

Sexual and reproductive health

Cross-cutting Topics

Conduct sex & gender differences research

Prevention care and services

Specific Topics

Comorbidity and multimorbidity
Overarching Principles:

• Encourage **cross-ICO partnership and collaboration**

• Prioritize **interdisciplinary research**

• Consider the **NIH Diversity, Equity, Inclusion, and Accessibility (DEIA) goals** wherever appropriate
Questions?
Thank You!
Draft Content Areas

1. Consider how the intersection of social and biological factors affect the health of women

2. Support the development of data science, innovative research methods and measurements, and promote cutting-edge technologies for the health of women

3. Support biomedical workforce training and promote women scientists’ career development to advance the health of women

4. Advance basic science and translational research to improve the health of women

5. Encourage community engagement and promote implementation science for the health of women
Implementation Guide and START Module

Following the release of the 2019-2023 Trans-NIH Strategic Plan for Women's Health Research, ORWH led the following:

• Developed a Guide for tracking the implementation and evaluation of the Strategic Plan

• Published an article on the development of the process that we followed in the development of this guide. Published in August 2021.

• In collaboration with the NIH Office of Evaluation, Performance, and Reporting (OEPR) using the NIH Strategic Plan Tracking and Reporting Tool (START) platform, developed a tracking module for the implementation of the plan by the ICOs.