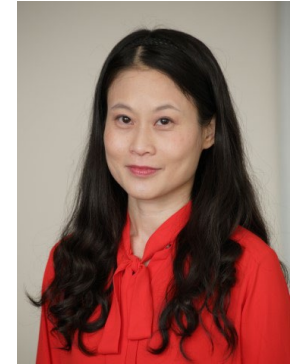# 2024 – 2028 NIH-Wide Strategic Plan on Research on the Health of Women

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ACRWH: October 18, 2022

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Facebook: /NIHORWH
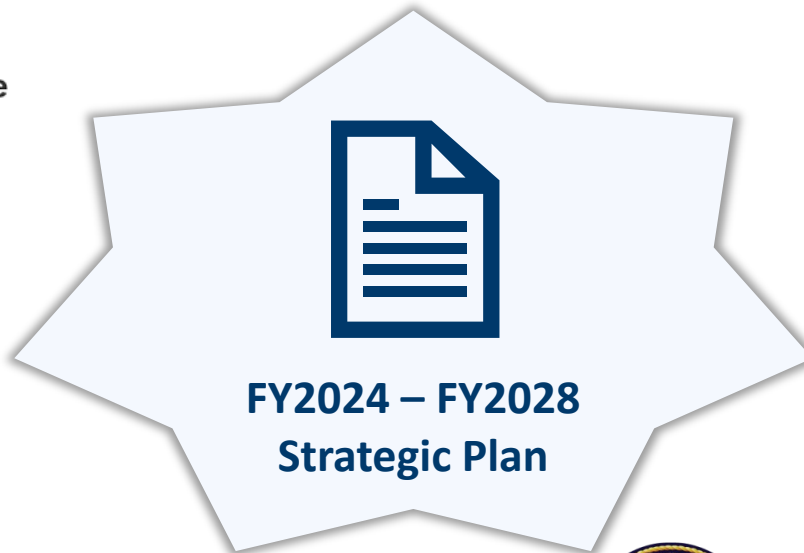**Twitter:** @NIH_ORWH

www.nih.gov/women
#ResearchForWomen

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
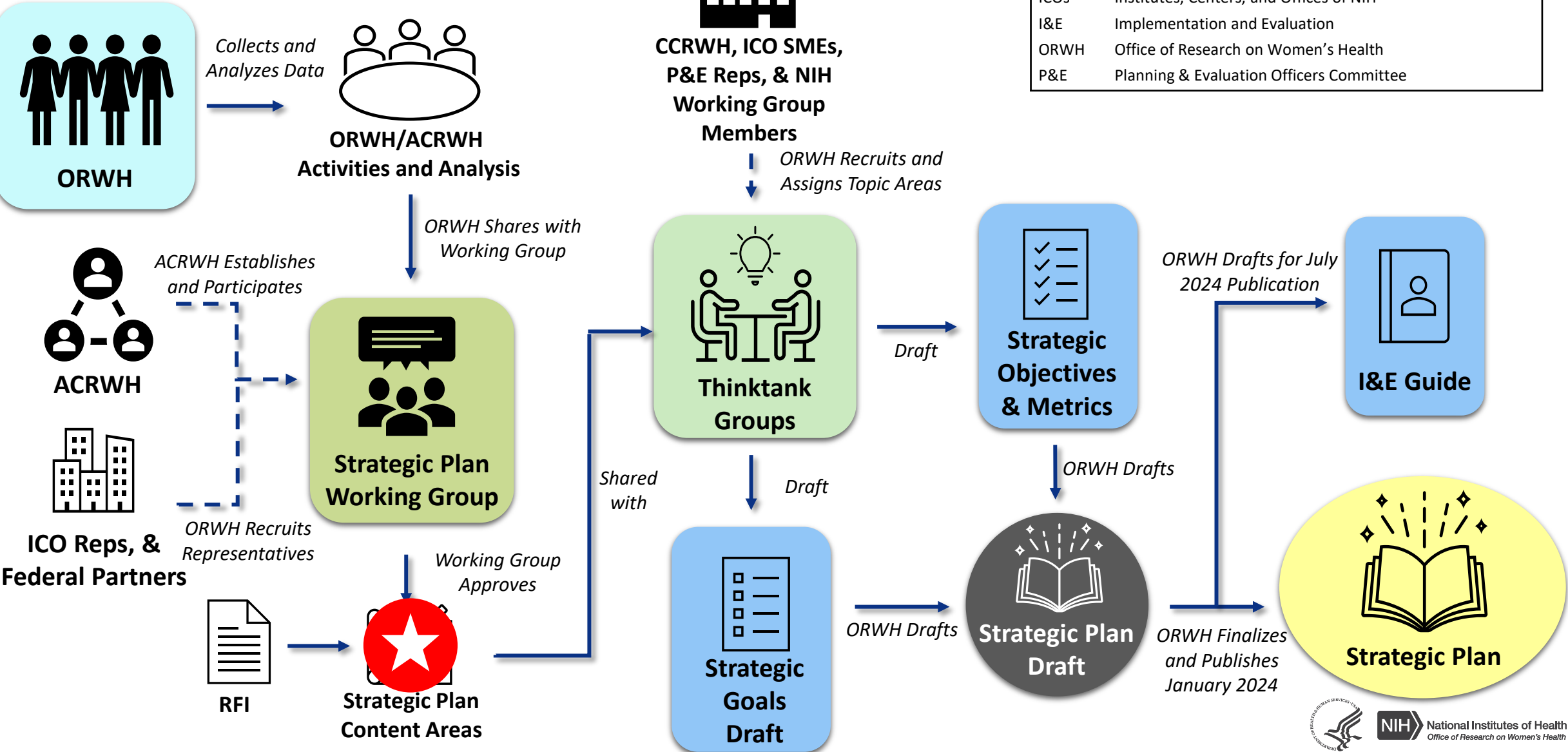
Co-chairs: Samia Noursi, PhD, Associate Director for Science Policy, Planning, and Analysis, Office of Research on Women's Health (ORWH), NIH

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

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

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

ORWH — *Collects and Analyzes Data* → **ORWH/ACRWH Activities and Analysis**

ORWH Shares with Working Group →

CCRWH, ICO SMEs, P&E Reps, & NIH Working Group Members — *ORWH Recruits and Assigns Topic Areas* →

ACRWH — *ACRWH Establishes and Participates*

ICO Reps, & Federal Partners — *ORWH Recruits Representatives*

Strategic Plan Working Group

Thinktank Groups — *Draft* → **Strategic Objectives & Metrics** — *ORWH Drafts for July 2024 Publication* → **I&E Guide**

Shared with

Working Group Approves

RFI → **Strategic Plan Content Areas**

Thinktank Groups — *Draft* → **Strategic Goals Draft** — *ORWH Drafts* → **Strategic Plan Draft**

Strategic Objectives & Metrics — *ORWH Drafts* → **Strategic Plan Draft**

Strategic Plan Draft — *ORWH Finalizes and Publishes January 2024* → **Strategic Plan**

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Content Analysis Data Collection

Input Source	Data Collection Start	Data Collection End	Inputs Received
Working Group Kickoff	June 30, 2022	July 14, 2022	**29**
Institute, Center, and Office (ICO) Directors' Meetings	July 26, 2022	November 8, 2022	**32***
Request for Information (RFI)	July 22, 2022	September 29, 2022	**120**
ORWH Staff	August 22, 2022	September 21, 2022	**17**

*Remaining five IC Directors scheduled for November 2022

Content Analysis and Result Summary: Key Points to Remember

- **Regarding the content analysis:**
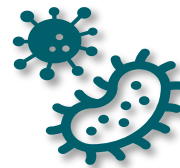
Data coding accounted for inter-rater consistency

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

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Results – Topics with Most Attention

Draft Content Area 1

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
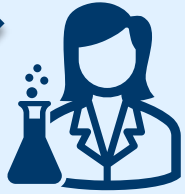
Draft Content Area 2

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

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Results – Topics with Most Attention

Draft Content Area 3

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

Draft Content Area 4

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

Draft Content Area 5

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

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Results – Other Major Topics

Cross-cutting Topics

Comorbidity and multimorbidity

Conduct sex & gender differences research

Prevention care and services

Specific 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

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Overarching Principles:

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

- Prioritize **interdisciplinary research**

- Consider the **NIH Diversity, Equity, Inclusion, and Accessibility (DEIA) goals** wherever appropriate

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Questions?
Thank You!

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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

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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.

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