THE FUTURE OF NURSING RESEARCH: INNOVATION, COLLABORATION, AND IMPACT
A PRESENTATION TO
THE NATIONAL ADVISORY CHILD HEALTH AND HUMAN DEVELOPMENT COUNCIL

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The Future of Nursing 2020–2030
Charting a Path to Achieve Health Equity

NATIONAL ACADEMY of MEDICINE

Robert Wood Johnson Foundation
NATIONAL INSTITUTE OF NURSING RESEARCH

2022–2026 STRATEGIC PLAN
“NINR Mission: Leading nursing science to solve pressing health challenges and inform practice and policy – optimizing health and advancing health equity into the future.”
All NINR-Supported Research:

- Tackles today’s pressing health challenges and stimulates discoveries to prepare for, prevent, or address tomorrow’s challenges.
- Discovers solutions across clinical, community, and policy settings to optimize health for individuals, families, communities, and populations.
- Advances equity by removing structural barriers from research, cultivating diversity in perspectives and ideas, and fostering inclusion and accessibility in designing, conducting, and participating in research.
- Is innovative, develops or applies the most rigorous methods, and has the potential for the greatest impact on health.
Research Lenses – Examining Health Challenges

- Health Equity
- Social Determinants of Health
- Population and Community Health
- Prevention and Health Promotion
- Systems and Models of Care
Health Equity

Reduce and eliminate the systemic and structural inequities that place some at an unfair, unjust, and avoidable disadvantage in attaining their full health potential.
Social Determinants of Health

Identify effective approaches to improve health and quality of life by addressing the conditions in which people are born, live, learn, work, play, and age.
Population and Community Health

Address critical health challenges at a macro level that persistently affect groups of people with shared characteristics.
Prevention and Health Promotion

Prevent disease and promote health through the continuum of prevention—from primordial to tertiary.
Systems and Models of Care

Address clinical, organizational, and policy challenges through new systems and models of care.
Nursing Research Through NINR’S Research Lenses
<table>
<thead>
<tr>
<th>Area of Interest*</th>
<th>Percent of Budget</th>
<th>NIH Rank as a Percent of Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical Research</td>
<td>78%</td>
<td>1st</td>
</tr>
<tr>
<td>Behavioral and Social Sciences Research</td>
<td>60%</td>
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<tr>
<td>Prevention</td>
<td>43%</td>
<td>3rd</td>
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<tr>
<td>Health Disparities</td>
<td>34%</td>
<td>2nd</td>
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<tr>
<td>Social Determinants of Health</td>
<td>26%</td>
<td>3rd</td>
</tr>
<tr>
<td>Training**</td>
<td>22%</td>
<td>2nd</td>
</tr>
<tr>
<td>Women’s Health</td>
<td>20%</td>
<td>4th</td>
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* Funding categories are not mutually exclusive
** National Research Service Awards (Fs/Ts)
The National Institute of Nursing Research 2022–2026 Strategic Plan

The National Institute of Nursing Research 2022–2026 Strategic Plan outlines the Institute’s vision for supporting science that advances our mission: to lead nursing research to solve pressing health challenges and inform practice and policy—optimizing health and advancing health equity into the future.

Nurses are crucial to solving the Nation’s most pressing and persistent health challenges. As both the largest health profession and the largest of all professions in the Nation, nurses are the backbone of our health systems in the United States and have ranked as the most trusted profession for 20 years in a row. Nurses interact with individuals and families more closely than other health professionals in the many clinical, community, and policy settings in which they work; thus, they have a deep understanding of the
PARTNERSHIP AND COLLABORATION
NIH Climate Change and Health Initiative

Executive Committee:
NIEHS, FIC, NHLBI, NICHD, NIMH, NIMHD, NINR
NIH-Wide Social Determinants of Health Research Coordinating Committee

Facilitate
- Facilitate sharing of information about SDOH research across NIH and with Federal partners

Develop
- Develop SDOH expertise, capacity, and a learning system at NIH

Build
- Build community and collaborations in SDOH research across NIH and with Federal partners

Identify
- Identify gaps and promising SDOH research directions

Accelerate SDOH research across NIH across diseases and conditions, populations, life course, SDOH domains

Executive Committee: NINR, NIMHD, OBSSR, FIC, NCATS, NCCIH, NCI, NHGRI, NIA, NIAMS, NICHD, NIDDK, NIEHS, NLM, ODP, ORWH

*Co-Chairs
Community Partnerships to Advance Science for Society (ComPASS)

Co-Chairs: NINR, NIMH, NIMHD, ORWH, THRO
Transformative Health Disparities Research Program

- RFA-RM-21-021: Transformative Research to Address Health Disparities and Advance Health Equity (U01 Clinical Trial Allowed)
- RFA-RM-21-022: Transformative Research to Address Health Disparities and Advance Health Equity at Minority Serving Institutions (U01 Clinical Trial Allowed)

Co-Chairs: NINR, NIMH, NIMHD, ORWH, THRO

commonfund.nih.gov/healthdisparitiestransformation
Other Initiatives

- HHS Social Determinants of Health Workgroup
- HHS Initiative to Strengthen Primary Health Care
- Interdepartmental Health Equity Collaborative
- Social Determinants of Health Interagency Policy Committee
- Interagency Working Group for the National Healthcare Quality and Disparities Report
- Climate Change, Food Systems, and Nutrition Security
NIH Maternal Morbidity and Mortality Task Force
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<tr>
<th>NOT-OD-20-104</th>
<th>Administrative Supplements for Research on Maternal Mortality</th>
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<td>NOT-OD-21-071</td>
<td>Administrative Supplements for Research on Maternal Health, Structural Racism or Discrimination, and COVID-19</td>
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<tr>
<td>NOT-OD-22-125</td>
<td>IMPROVE Initiative: Implementation Science to Advance Maternal Health and Maternal Health Equity</td>
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NINR-Supported Maternal Health Research - Examples

- Severe Maternal Morbidity: An Investigation of Racial-Ethnic Disparities, Social Disadvantage & Maternal Weight (R01NR017020; Carmichael)
- Building a Causal Pathway Framework to Identify Interventions to Eliminate Racial/Ethnic Disparities in Severe Maternal Morbidity (R01NR020335; Carmichael)
- Biobehavioral Perspectives on Social Connectedness and the Mindful Moms Intervention for Marginalized Pregnant Women with Depression (R01NR020220; Kinser)
- Race/Ethnicity-Specific Algorithms of Chronic Stress Exposures for Preterm Birth Risk: Machine Learning Approach (K01NR019651; Kim)
- Group Antenatal Care: Effectiveness for Maternal/Infant and HIV Prevention Outcomes and Contextual Factors Linked to Implementation Success in Malawi (R01NR018115; Patil)
- Promoting Stretching Exercise to Reduce Cardiovascular Health Risk in Late Pregnant Women with Obesity (R01NR01799; Yeo)
NINR-Supported Child Health Research - Examples

- Come as You Are: Assessing the Efficacy of Nurse Case Management HIV Prevention and Care Intervention among Homeless Youth (R01NR017837; Santa Maria)
- Childhood Adversity, Biopsychosocial Pathways, and Telomere Length in Adolescence (R01NR019008; Ford)
- Trauma-adapted Comprehensive School Physical Activity Program (R01NR020441; Tandon)
- Healthy Mothers-Healthy Children: An Intervention with Hispanic Mothers and their Young Children (R01NR017199; Santos)
- Back to the Basics: Addressing Childhood Obesity Through Traditional Foods in Alaska (R01NR015417; Thomas)
- COVID-19 Vaccinations and School/Community Resources: Children’s Longitudinal Health and Education Outcomes Using Linked Administrative Data (U01NR020443; Elbel)
- Exploring the Impacts of Housing Assistance on Children’s Health Care Use (R21NR020304; Pollack)
Advancing Integrated Models (AIM) of Care to Improve Maternal Health Outcomes Among Women Who Experience Persistent Disparities

- RFA-NR-22-002 - R01 Clinical Trial Required
- RFA-NR-22-003 - R21 Clinical Trial Optional
Collaboration Opportunities