

NATIONAL ADVISORY COUNCIL FOR NURSING RESEARCH

107TH MEETING - MAY 24, 2022

Shannon N. Zenk, PhD, MPH, RN
Director, NINR



National Institute
of Nursing Research



Welcome



**Director, Division of
Extramural Science Programs**

Elizabeth Tarlov, PhD, RN



Logistics

- One day, virtual only, broadcast live
- Will be archived: videocast.nih.gov
- Closed session will begin ~15 minutes after open session

Welcome New Council Members

- **Robert Atkins**, PhD, RN, Rutgers University – Camden
- **Daniel Dawes**, JD, Morehouse School of Medicine
- **Anne Fitzpatrick**, PhD, RN, Emory University School of Medicine
- **Patricia Stone**, PhD, RN, Columbia University School of Nursing



January Council Meeting

- January Advisory Council video available online
- Approval of January 2022 Advisory Council minutes

<https://videocast.nih.gov>

Future Council Meetings

Sept 13, 2022

Jan 31, 2023

May 23, 2023

NATIONAL ADVISORY COUNCIL FOR NURSING RESEARCH DIRECTOR'S REPORT

107TH MEETING - MAY 24, 2022

Shannon N. Zenk, PhD, MPH, RN

Director, NINR




National Institute
of Nursing Research



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**

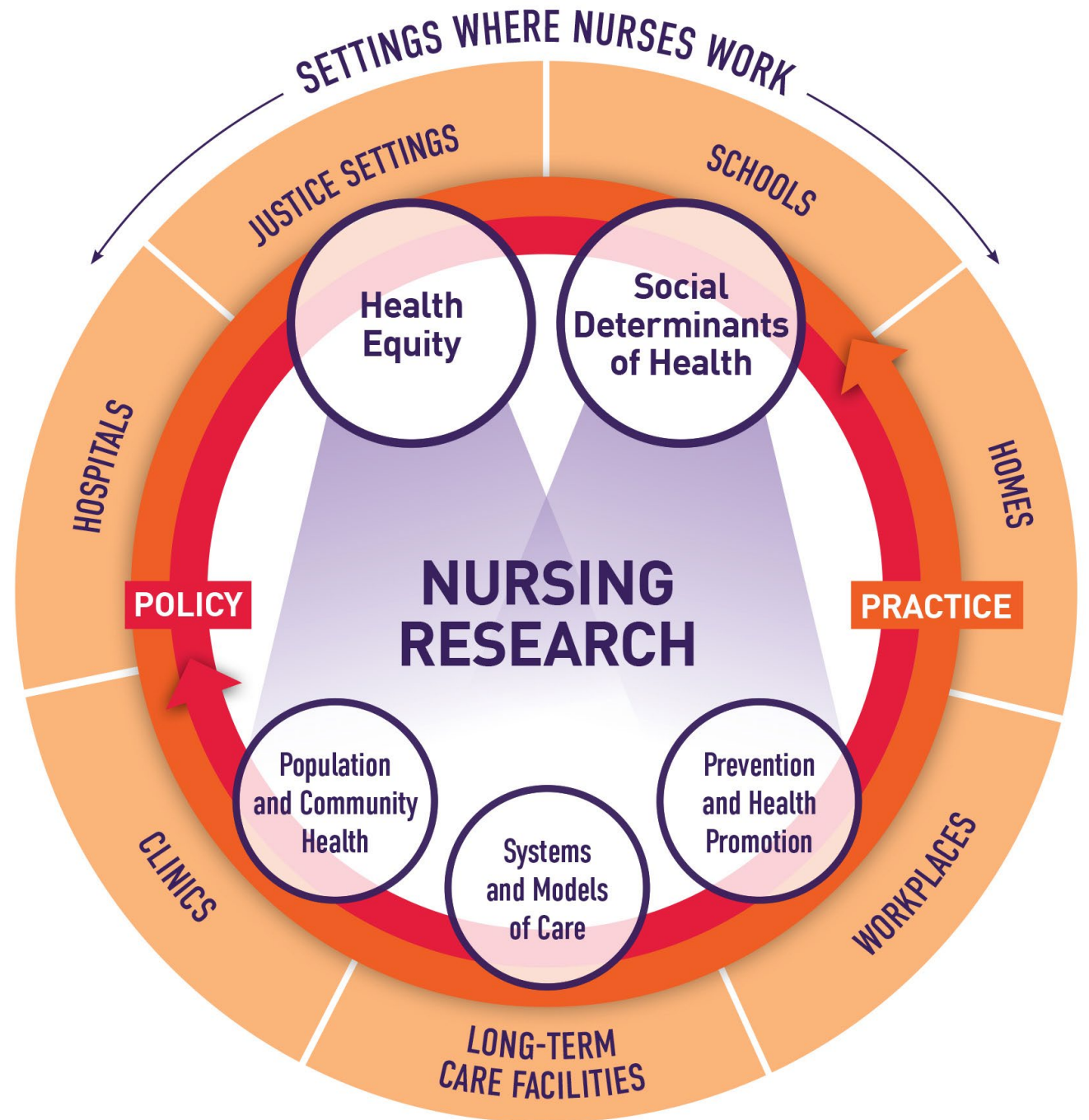


**Prevention and Health
Promotion**



**Systems and Models
of Care**

Nursing Research Through NINR's Research Lenses



Area of Interest*	Percent of Budget	NIH Rank as a Percent of Budget
Clinical Research	78%	1st
Behavioral and Social Sciences Research	60%	2nd
Prevention	43%	3rd
Health Disparities	34%	2nd
Social Determinants of Health	26%	3rd
Training**	22%	2nd
Women's Health	20%	4th

* Funding categories are not mutually exclusive

** National Research Service Awards (Fs/Ts)

ABOUT NINR

Who We Are

What We Do

Strategic Plan

Connect With Us

Visitor Information

Jobs at NINR

The National Institute of Nursing Research 2022–2026 Strategic Plan

 PRINT  SHARE 

Introduction

Director’s Overview

Scientific Strategy

Stewardship

Development Process

FAQs

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



BUDGET UPDATE



National Institute
of Nursing Research



Recent Appropriations Summary

	FY 2020 (Minibus)	FY 2021 (Omnibus)	FY 2022 (Omnibus)
NINR	<i>3.8%</i> \$169,113	<i>3.3%</i> \$174,957	<i>3.4%</i> \$180,862
NIH	<i>6.6%</i> \$41,636,575	<i>3.0%</i> \$42,940,500	<i>5.2%</i> \$45,182,990
Bill Signed	12/20/2019	12/27/2020	3/15/2022

*Dollars in thousands

FY 2023 President's Budget

- FY 2023 NINR President's Budget Request: **\$199 million** (13.6% increase*)
 - **\$20 million** of this increase is for health disparities research
- FY 2023 NIH President's Budget Request: **\$62.5 billion** (45.6% increase*)
 - Of the \$19.6 billion increase, \$12 billion for pandemic preparedness and \$5 million for ARPA-H

*From FY2022 Continuing Resolution

<https://officeofbudget.od.nih.gov>

DIVISION OF EXTRAMURAL SCIENCE PROGRAMS UPDATE



National Institute
of Nursing Research



NINR-Supported Research Highlights

Geospatial analysis of social determinants of health identifies neighborhood hot spots associated with pediatric intensive care use for life-threatening asthma

J Allergy Clin Immunol Pract

K24NR018866 (Fitzpatrick, Emory), K23HL151897 (Grunwell, Emory)

A lay navigator-led, early palliative care intervention for African American and rural family caregivers of individuals with advanced cancer (Project Cornerstone):

Results of a pilot randomized trial

Cancer

R00NR015903 (Dionne-Odom, U Alabama at Birmingham)

Funding Opportunity Announcements (FOAs)

- **RFA-RM-22-008**: NIH Faculty Institutional Recruitment for Sustainable Transformation (FIRST) Program: FIRST Cohort (U54)
- **RFA-RM-22-001**: Transformative Research to Address Health Disparities and Advance Health Equity at Minority Serving Institutions (U01)
- **PAR-22-105** and **PAR-22-109**: Dissemination and Implementation Research in Health (R01, R21)

[NINR.NIH.gov/currentnotices](https://nirr.nih.gov/currentnotices)



Notices of Special Interest (NOSIs)

- **NOT-CA-22-037:** Validation of Digital Health and Artificial Intelligence Tools for Improved Assessment in Epidemiological, Clinical, and Intervention Research
- **NOT-OD-22-106:** Increasing Uptake of Evidence-Based Screening in Diverse Populations Across the Lifespan
- **NOT-OD-22-107:** Addressing Evidence Gaps in Screening
- **NOT-GM-22-005:** Administrative Supplements for Research on Women's Health in the IDeA States

Funding Opportunity Announcements (NINR-led)

- **RFA-NR-22-002:** Advancing Integrated Models (AIM) of Care to Improve Maternal Health Outcomes Among Women Who Experience Persistent Disparities (R01 Clinical Trial Required)
- **RFA-NR-22-003:** Advancing Integrated Models (AIM) of Care to Improve Maternal Health Outcomes Among Women Who Experience Persistent Disparities (R21)
- **RFA-NR-22-004:** Evaluating the Impact of COVID-19 Pandemic-related Food and Housing Policies and Programs on Health Outcomes in Health Disparity Populations (R01)

NINR.NIH.gov/currentnotices

NINR Funding Strategy Now Online

RESEARCH & FUNDING

NINR Division of Extramural Science Programs (DESP)

NINR Division of Intramural Research (DIR)

Research Funding Opportunities

Training Funding Opportunities

Small Business Funding

NIH Grant Applicant Resources

Funded Grants

NINR Funding Strategies: Guidance for Fiscal Year 2022



NINR allocates its limited resources among investigator-initiated applications, applications submitted in response to NINR and NIH funding opportunity announcements (FOAs), and research training and career development applications. The Institute is committed to funding the largest number of meritorious projects possible, while allowing flexibility to support strategic program priorities and emerging scientific areas.

In general, grants will be funded in priority score or percentile order. NINR will also consider strategic priorities, advancement of diverse perspectives, and availability of funds in making funding decisions. NINR will give additional consideration to applications from first time R01 investigators (“[early stage investigators](#)”) as defined by the NIH.

To maximize our available resources, competing research project grant awards may be subjected to programmatic adjustments in budget and number of years awarded:

- Competing R01 research project grants will generally be adjusted to achieve a 4-year average duration.
- Administrative budget reductions will typically be made to competing R01 research applications proposing a duration of 4 years or less and that are requesting more than \$350,000 direct costs per year.

Noncompeting awards will be issued without cost-of-living/inflationary adjustments.

[NINR.NIH.gov](https://www.ninr.nih.gov)

DIVISION OF INTRAMURAL RESEARCH UPDATE



National Institute
of Nursing Research

Congratulations!



**NINR Graduate Partnerships
Program Fellow**

Stephanie Chidester, PhD

Published Intramural Research

Exploratory Analysis of Associations Between Whole Blood Mitochondrial Gene Expression and Cancer-Related Fatigue Among Breast Cancer Survivors

Kleckner AS, Kleckner IR, Culakova E, Wojtovich AP, Klinedinst NJ, Kerns SL, Hardy SJ, Inglis JE, Padula GDA, Mustian KM, Janelains MC, Dorsey SG, Saligan LN, Peppone LJ

Nursing Research

Designing Immersive Virtual Reality Environments for Supporting Patients at Home: Translating Input From Home Care Nurse Experts to Design Requirements

Goldsmith DM, Flash S, Holdnack J, Brennan PF

CIN: Computers, Informatics, Nursing

Published Intramural Research

Ryanodine Receptor 1-Related Myopathies: Quantification of Intramuscular Fatty Infiltration from T1-Weighted MRI

Lawal TA, Patankar A, Todd JJ, Razaqyar MS, Chrismer IC, Zhang X, Waite MR, Jain MS, Emile-Backer M, Witherspoon JW, Liu CY

Journal of Neuromuscular Diseases

A Follow-Up on Quantitative and Qualitative Olfactory Dysfunction and Other Symptoms in Patients Recovering from COVID-19 Smell Loss

Ohla K, ... Joseph PV, Hayes JE, Nv MY

Rhinology

DIVERSITY, EQUITY, INCLUSION AND ACCESSIBILITY UPDATE



National Institute
of Nursing Research



DEIA at NINR

Diversity of the NINR-Supported Scientific Workforce

Co-Chairs: Dr. Christopher S. Lee and Dr. Shalanda A. Bynum (NINR)

Inclusion in NINR-Supported Studies

Co-Chairs: Dr. Cindy Munro and Dr. Dionne Godette-Greer (NINR)

DEIA at NINR

PA-21-071: Research Supplements to Promote Diversity in Health-Related Research

PA-21-345: Administrative Supplements to Promote Diversity in Research and Development Small Businesses-SBIR/STTR

[NINR.NIH.gov](https://ninr.nih.gov)

grants.nih.gov

DEIA at NINR

Advancement of Diverse Perspectives

- Requirement for inclusion of diversity and inclusion plan in our most recent FOAs
- FY22 funding strategy incorporates advancement of diverse perspectives as one consideration in our funding decision

DEIA at NINR

Scientific Diversity Officer

- Scientific Diversity Officer job announcement on USAjobs.gov
- Reviewing candidates now



PARTNERSHIPS AND COLLABORATIONS



National Institute
of Nursing Research

Community Partnerships to Advance Science for Society (ComPASS)



Co-Chairs: **NINR**, NIMH, NIMHD, ORWH, THRO
dpcpsi.nih.gov

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

Federal Collaborations

- Social Determinants of Health Interagency Policy Committee
- HHS Initiative to Strengthen Primary Health Care

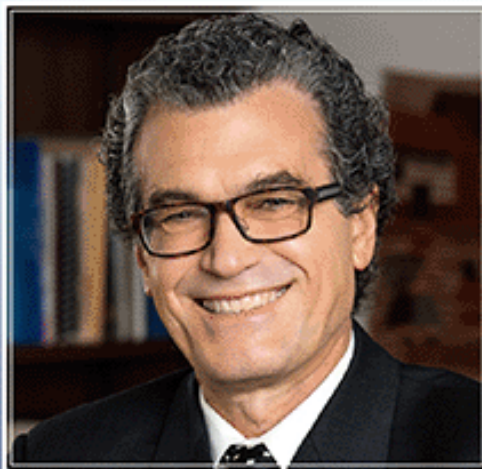


NINR NEWS AND ANNOUNCEMENTS



National Institute
of Nursing Research

Research Opportunities to Address Nutrition Insecurity and Disparities



Eliseo J. Pérez-Stable, M.D.



Lawrence A. Tabak, D.D.S., Ph.D.



Shannon N. Zenk, Ph.D., M.P.H., R.N.



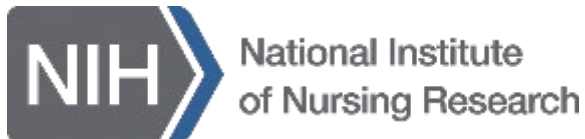
Save the Date: Director's Lecture

Dr. Vincent Guilamo-Ramos

Dean and Professor, School of Nursing
Vice Chancellor for Nursing Affairs
Duke University

Date: July 12, 2022

Time: 10:00 AM (ET)



Branding



Staffing Updates

- Deputy Director
- Clinical Director
- Scientific Director



Staffing Updates

John Grason, PhD

- **Acting Deputy Director, NINR**
- Acting Director, NINR Division of Science Policy and Public Liaison
- Chief, NINR Office of Science Policy and Legislation



Staffing Updates

Name	Position	Division
Michelle Mitchell	Legislative Affairs Officer	Science Policy and Public Liaison
Eddie Boutsady	IT Support	Management Services
Ashlea Irick	Budget Analyst	Management Services
Wendy Pond	Ethics Coordinator	Management Services
Sue Marden	Acting Deputy Director	Extramural Science Programs
Steven Gonsalves	Staff Scientist	Intramural Research
Catherine Kwiat	Post-Baccalaureate Fellow	Intramural Research
Christopher Nguyen	Post-Baccalaureate Fellow	Intramural Research



Staffing Updates

Program Officers

- “Health Science Administrator” job announcement on USAjobs.gov
- Open **May 16-25, 2022**
- Contact Dr. Elizabeth Tarlov for more information

jobs.nih.gov/globalrecruitment

NIH UPDATES



National Institute
of Nursing Research



NASEM Consensus Study

NATIONAL
ACADEMIES *Sciences
Engineering
Medicine*

About Us

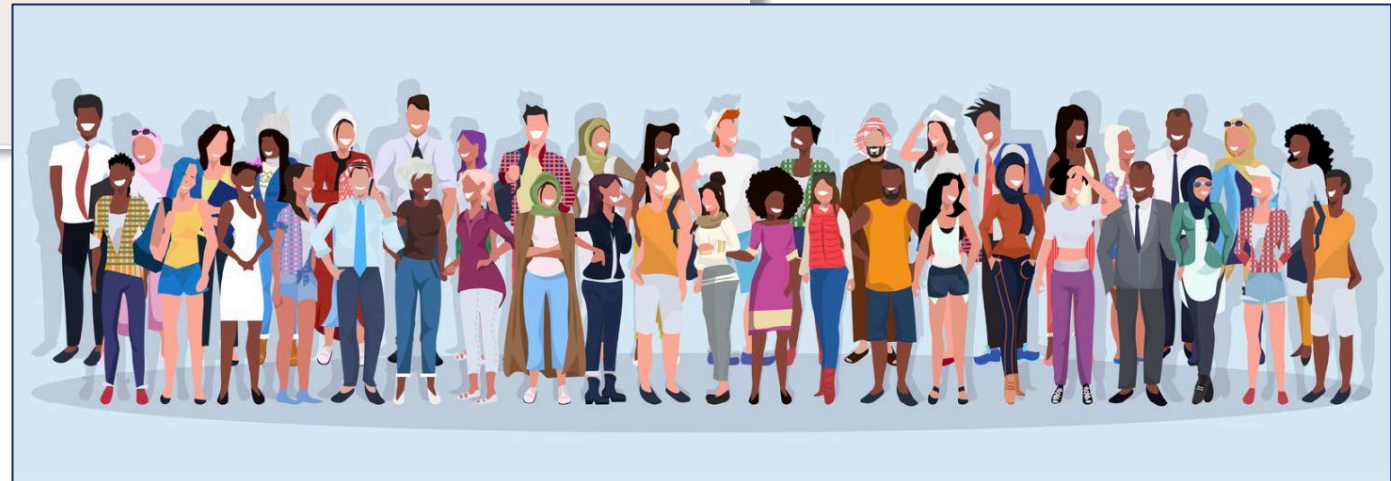
Events

Our Work

Publications

Topics

Use of Race, Ethnicity, and Ancestry as Population Descriptors in Genomics Research



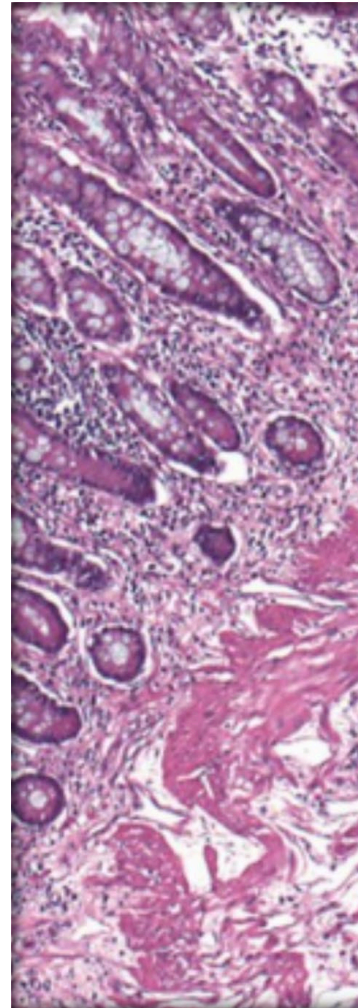
Public Comment: Use of Population Descriptors in Genomics Research

The [Committee on Use of Race, Ethnicity, and Ancestry as Population Descriptors in Genomics Research](#) requests public comments on the current use of population descriptors such as race, ethnicity, ancestry, etc. in genomics research and how the use of population descriptors could be improved upon in the future.

The comments may be used, with attribution, in the committee's final report which is planned for release in 2023. The committee will also invite a few authors representing a sample of the submissions to present their comments at an upcoming virtual workshop on June 14. **If you wish to be considered as a speaker at this workshop, please submit your comment by June 1.**

nationalacademies.org

New NIH Data Resource



OFFICE OF SCIENCE POLICY
OFFICE OF EXTRAMURAL RESEARCH

INFORMED CONSENT FOR SECONDARY RESEARCH WITH DATA AND BIOSPECIMENS

Points to Consider and Sample Language for
Future Use and/or Sharing

osp.od.nih.gov



Opportunity for Public Comment

Request for Public Comments on DRAFT Supplemental Information to the NIH Policy for Data Management and Sharing: Protecting Privacy When Sharing Human Research Participant Data

Notice Number:

NOT-OD-22-131

Key Dates

Release Date:

May 12, 2022

Response Date:

June 27, 2022

grants.nih.gov

ADVANCED RESEARCH PROJECTS AGENCY FOR HEALTH

ARPA-H Mission

To benefit the health of all Americans by catalyzing health breakthroughs that cannot readily be accomplished through traditional research or commercial activity

ARPA-H Goals

Support transformative high-risk, high-reward research to:

- Speed application and implementation of health breakthroughs to serve all patients
- Foster breakthroughs across various levels – from **the molecular to the societal**
- Build **capabilities and platforms** to revolutionize prevention, treatment, and cures in a **range of diseases**
- Convert **use-driven ideas** into tangible solutions for patients far more rapidly than previously thought possible
- Overcome market failures through **critical solutions or incentives**

Approach



ARPA-H will be complementary to, not duplicative of, NIH programs and efforts



Thank you!