



NATIONAL ADVISORY COUNCIL FOR NURSING RESEARCH

105TH MEETING – SEPTEMBER 14, 2021

Shannon N. Zenk, PhD, MPH, RN, FAAN

Director, NINR



National Institute
of Nursing Research

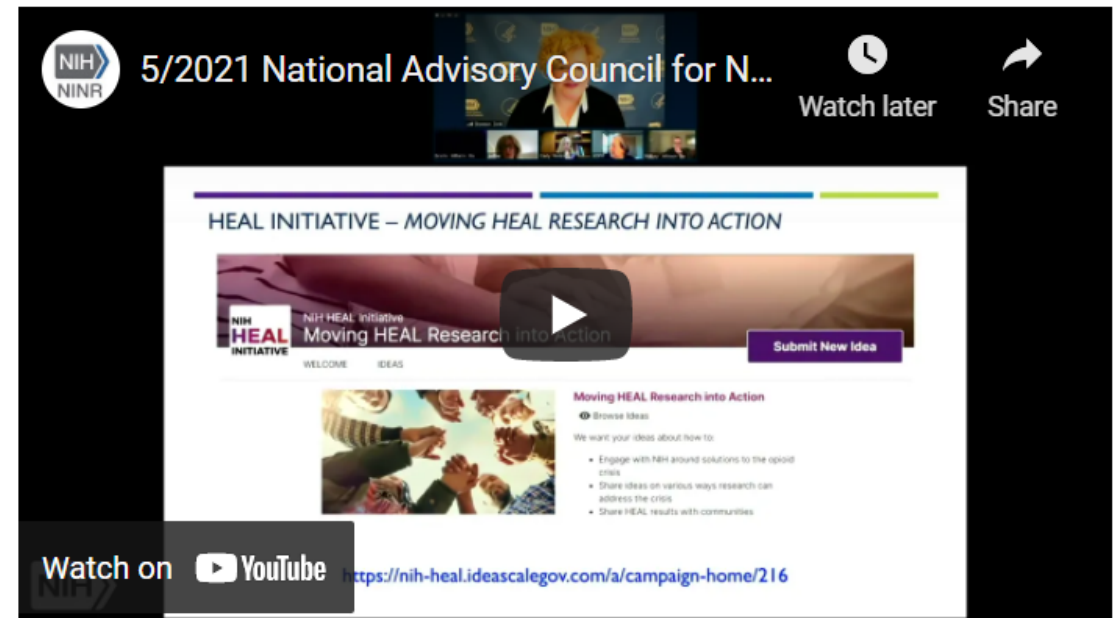


LOGISTICS FOR TODAY'S MEETING

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

PREVIOUS COUNCIL MEETING

- Approval of May 2021 Advisory Council minutes
- May Advisory Council video is available to view



www.ninr.nih.gov/newsandinformation/newsandnotes/nacnr-104-video

FUTURE COUNCIL MEETINGS

January 25,
2022

May 24,
2022

Sept. 13,
2022

DIRECTOR'S REPORT



National Institute
of Nursing Research



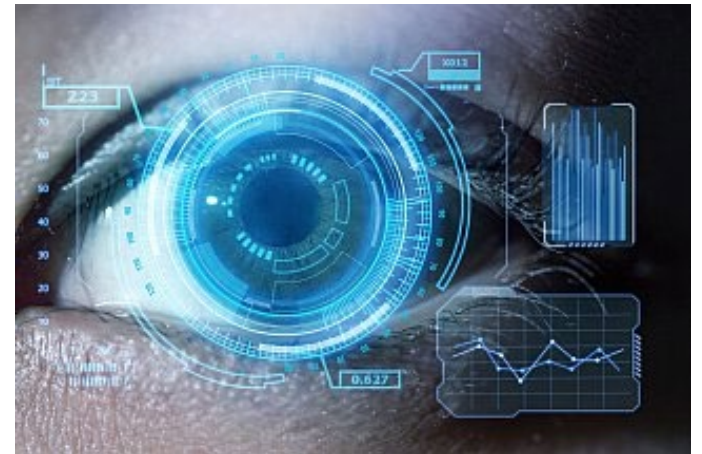


National Institutes of Health

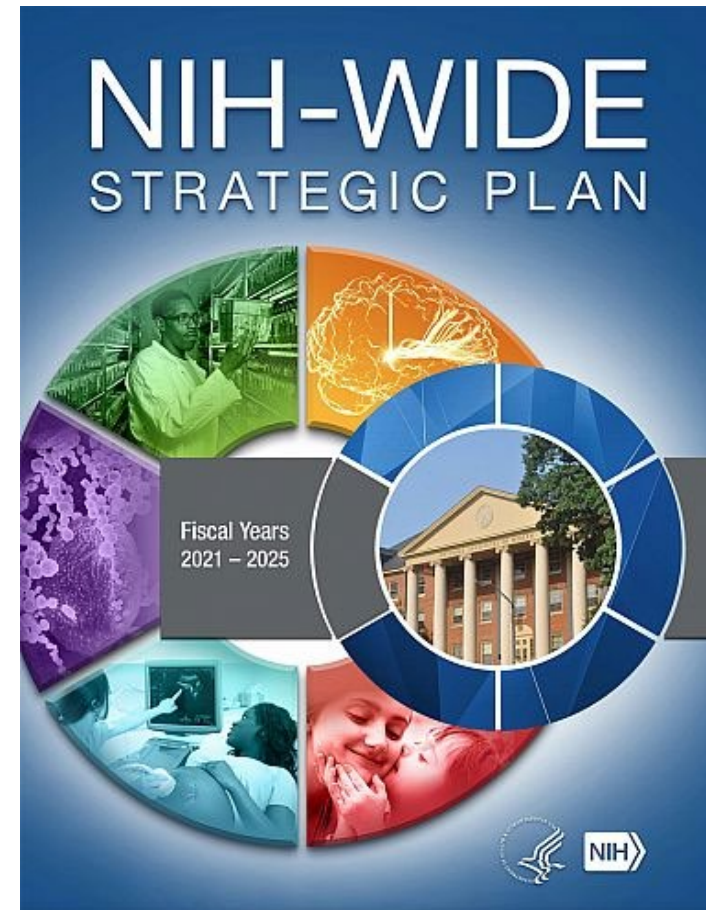
NIH NEWS

ADVANCED RESEARCH PROJECTS AGENCY FOR HEALTH (ARPA-H)

- New agency proposed to improve the government's capabilities to speed research that can improve the health of Americans.
- Included in FY2022 budget as a component of the NIH
- Tasked with building high-risk, high-reward capabilities to drive biomedical breakthroughs to revolutionize how we prevent, treat, or cure a range of diseases, including cancer, infectious diseases, Alzheimer's disease, and others
- Will use the Defense Advanced Research Projects Agency (DARPA) as a model to establish a culture of championing innovative ideas in health and medicine.



NIH-WIDE STRATEGIC PLAN



<https://www.nih.gov/about-nih/nih-wide-strategic-plan>



National Institute of Nursing Research

NINR NEWS

UPDATE ON NINR STRATEGIC PLAN

So far...

- Working group report presented at May 2021 NACNR meeting
- Feedback gathered through NINR website
- Numerous meetings with constituent organizations

Next steps...

- Draft framework to be released through Request for Information (RFI), Fall 2021
- Public webinar(s) to be held during comment period
- Revised framework to be discussed at January 2022 Advisory Council meeting
- Strategic plan to be released first half of 2022



DIRECTOR'S LECTURES



Mi-Kyung Song, PhD, RN, FAAN

<https://videocast.nih.gov/>

RECENT APPROPRIATIONS SUMMARY / FY 2022 PRESIDENT'S BUDGET

	FY 2019 (Minibus)	FY 2020 (Minibus)	FY 2021 (Omnibus)	FY 2022 (President's Budget)	FY 2022 (House)
NINR	3.1% \$162,992,000	3.8% \$169,113,000	3.3%* \$174,957,000	14.2% \$199,755,000	14.8% \$200,782,000
NIH	4.7% \$39.1B	6.6% \$41.6B	3.0% \$42.9B	21.2% \$52.0B	15.1% \$49.4B
Bill Status	Signed 9/28/2018	Signed 12/20/2019	Signed 12/27/2020	Released 5/28/2021	H.R. 4502, Passed 7/29/21

FY 2022 President's Budget summary

- Includes \$6.5 billion to launch the Advanced Research Projects Agency for Health (ARPA-H)
- Proposes additional \$330 million for health disparities research, **including \$20M for NINR**

*FY21 NINR amount reflects funds transferred to NINR for AIDS research that were not included in the FY20 funding amount shown in the table. When accounting for this funding, the actual FY21 increase is 1.5%.

NINR'S 2021 METHODOLOGIES BOOT CAMP



Session I: Innovations and Improvements in Health Outcomes

Monday, September 13 from 1:00-3:00 p.m. (ET)

Session II: Clinical Applications

Monday, September 20 from 1:00-3:00 p.m. (ET)

Session III: Bias in Algorithms

Monday, September 27 from 1:00-3:00 p.m. (ET)

www.ninr.nih.gov/newsandinformation/events/bootcamp2021

NINR CO-SPONSORS STATE OF THE SCIENCE EVENT



Food Insecurity, Neighborhood Food Environment, and Nutrition Health Disparities: State of the Science

Virtual Workshop
September 21 – 23, 2021
12:30 – 5:30 p.m. EDT

 **NIH** National Institutes of Health

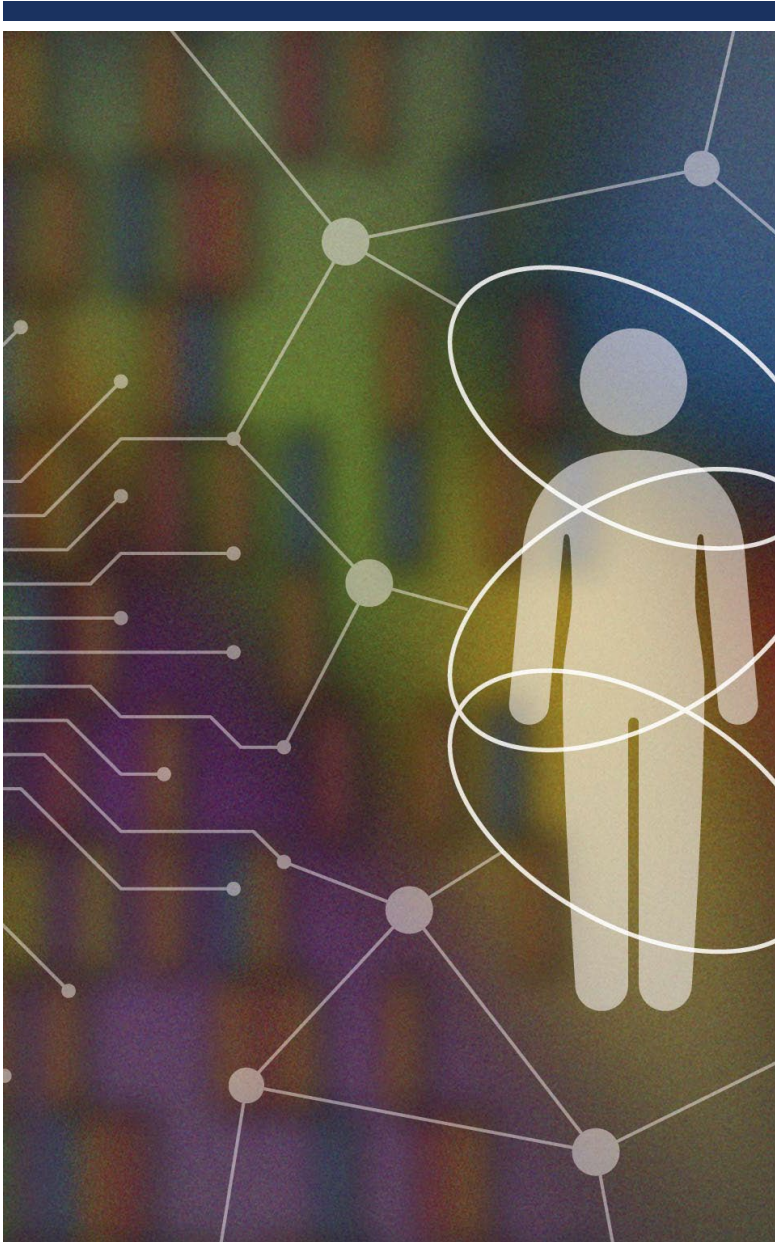
- Review the state of the science related to food insecurity, identify research gaps and opportunities
- Explore innovative research strategies to inform policies and practices
- Co-sponsors include NCI, NHLBI, NIMHD, NINR, ODP, and ONR.

METHODOLOGICAL APPROACHES FOR WHOLE PERSON RESEARCH WORKSHOP

- The **Whole Person Research Workshop** will discuss examples of studies in the three components of whole person research, as defined by NCCIH:
 - Exploring the fundamental science of interconnected systems
 - Investigating multicomponent interventions or therapeutic systems
 - Examining the impact of these interventions on multisystem or multiorgan outcomes

Learn more at:

<https://www.nccih.nih.gov/news/events/methodological-approaches-for-whole-person-research>



NINR PARTICIPATES IN DEVELOPMENT OF A NEW TRANS-NIH CLIMATE CHANGE AND HUMAN HEALTH INITIATIVE



Likely participants: NIEHS, FIC, NICHD, NIMH, NIMHD, NINR, NHLBI

HEALTH IS A CRITICAL PART OF CLIMATE CHANGE... *BUT IS TOO OFTEN LEFT OUT*

- Health impacts of climate change closely tied to environmental exposures, existing health disparities, and structural discrimination
- NIH-funded research can provide essential input to enhance climate change policy and prevention programs at the local, national and global levels.



RECENT RFI IDENTIFIED PRIORITY AREAS FOR CLIMATE STUDIES AT NIH

Priority Areas

1. Innovative Research that Addresses Climate Change and Human Health
2. Scientific Infrastructure to Address Human Health and Climate Change
3. **Research & Community Partnerships to Address Environmental Injustice and Foster Resilience**
4. Rapid Research Response Capacity to Address Human Health and Climate Change
5. **Translation & Dissemination of Research Findings and Health Protective Strategies**
6. **Diverse Workforce to Address Human Health and Climate Change**

(**Highlighted** areas are of potential interest to NINR)

UPDATE – NIH Common Fund Health Disparities Program

- Co-chaired by NIMHD, NINR, ORWH, THRO
- Two RFAs were released in spring; funding decisions soon!
- Updates --
 - Published notice of intent to reissue of RFA-RM-21-022 for Minority Serving Institutions (final due date: May 25, 2022)
 - Planning for possible new program, with FY23 launch
 - Community and stakeholder listening sessions
 - Request for information



**Ending
Structural
Racism**



nih.gov/ending-structural-racism

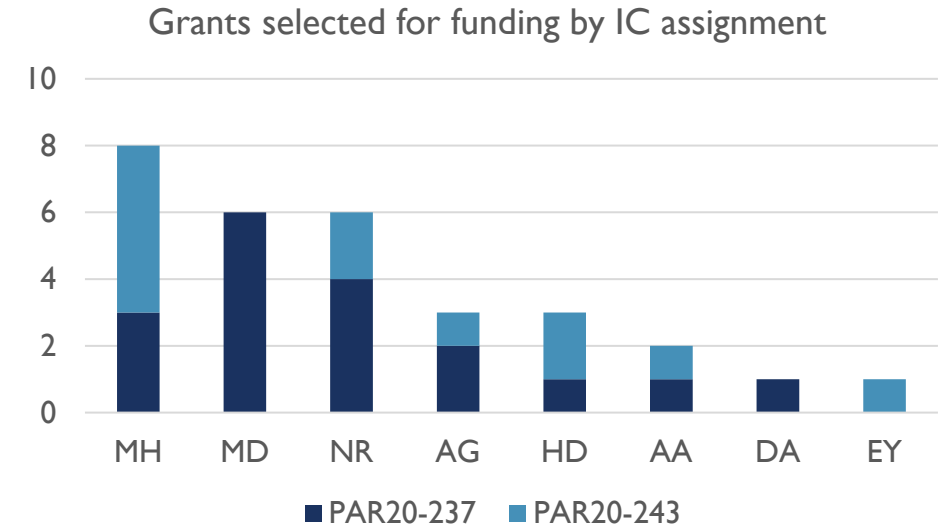


NINR EXTRAMURAL UPDATES

SOCIAL, BEHAVIORAL, AND ECONOMIC IMPACT OF COVID-19 PANDEMIC

NINR Highlights

- NIH Executive Committee: NIA, NIMH, NIMHD, NINR, OBSSR
- Major contributor in support of SBE R01 grant programs
- Signed on to new FOA focused on leveraging existing data (PAR-21-213)
 - One of our highlighted interests: Impact of pandemic on health of nurses and other healthcare workers



Funded Grants

- *Santa Maria, Diane *Studying impact of the COVID pandemic on homeless youth (supplement)*
- *Wallace, Andrea S *Intensifying community referrals for health: The SINCERE intervention to address COVID-19 health disparities*
- Spiegel, Brennan *Transcending COVID-19 barriers to pain care in rural America: Pragmatic comparative effectiveness trial of evidence-based, on-demand, digital behavioral treatments for chronic pain*
- *Magwood, Gayenell *Improving the collaborative health of minority COVID-19 survivor & carepartner dyads through interventions targeting social and structural health inequities*
- 3 others to be awarded by September 30th, 2021

*Nurse scientist PI

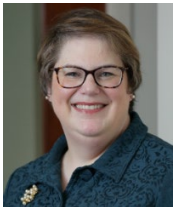


Amanda Alise Price, PhD

NEW INITIATIVES FY21 AND FY22

NIH Health Care Systems Research Collaboratory (NOT-AT-21-015 and NOT-AT-21-016):

- NINR helps oversee 3 studies in the NIH Collaboratory
- NIH Collaboratory is designed in part to support the design and rapid execution of several pragmatic clinical trial demonstration projects.
- NINR joining the Coordinating Center in FY'22
- Current studies:
 - “Advance care planning: Promoting effective and aligned communication in the elderly (ACP PEACE)”
 - “Fibromyalgia TENS in Physical Therapy Study (FM-TIPS)” – part of the HEAL *Pragmatic and Implementation Studies for the Management of Pain to Reduce Opioid Prescribing (PRISM)* program
 - “Nonpharmacologic pain management in federally qualified health centers primary care clinics (BeatPain Utah)” - part of the HEAL *Pragmatic and Implementation Studies for the Management of Pain to Reduce Opioid Prescribing (PRISM)* program



Karen A. Kehl,
PhD, RN, FPCN



Jeri L. Miller,
PhD, MS, MSc, CCC-SLP

NEW INITIATIVES FY21 AND FY22

NARCH FOA (Native American Research Centers for Health, NOT-NR-21-003)

- For the first time, NINR has joined this announcement
- NARCH supports opportunities for conducting research and career enrichment for health needs prioritized by American Indian/Alaska Native tribes/tribally based organizations
- NINR is supporting a study to increase the research capacity of community nursing, behavioral/mental health, and public health leaders at the Fort Belknap Reservation in Montana to help reduce health disparities among the Aaniiih & Nakoda tribes



Lynn S. Adams, PhD

Multilevel Physical Activity Interventions FOA (NOT-OD-21-087)

- Led by the Office of Disease Prevention
- Focused on increasing our understanding of how to increase and maintain health-enhancing physical activity using multi-level interventions in a wide range of population groups across the lifespan



Amanda Alise Price, PhD

TRAINING/PATHWAYS REPORT UPDATE

PATHWAYS REPORT: *“NINR should advocate for funding models that enable optimal participation in a PhD program, post-doctoral fellowship, or early career investigator training with special funding to reduce the need for outside work and for older students who may be balancing family and work.”*

- Action: NINR raised the caps for requested salary for K01 and K99 applicants to \$100,000 per year

PATHWAYS REPORT: *“Undergraduates should be **encouraged to enter doctoral programs early in their careers or directly after graduation.** Availability of streamlined programs, such as BSN-to-PhD, MSN-to-PhD, and DNP-to-PhD could facilitate the path to doctoral programs.”*

- Action: NINR joined the NIH F30 program that provides support for students at institutions with dual-degree training programs - Will allow support of nurse scientists pursuing joint DNP-PhD



David Banks,
PhD, MPH, MSSW, RN

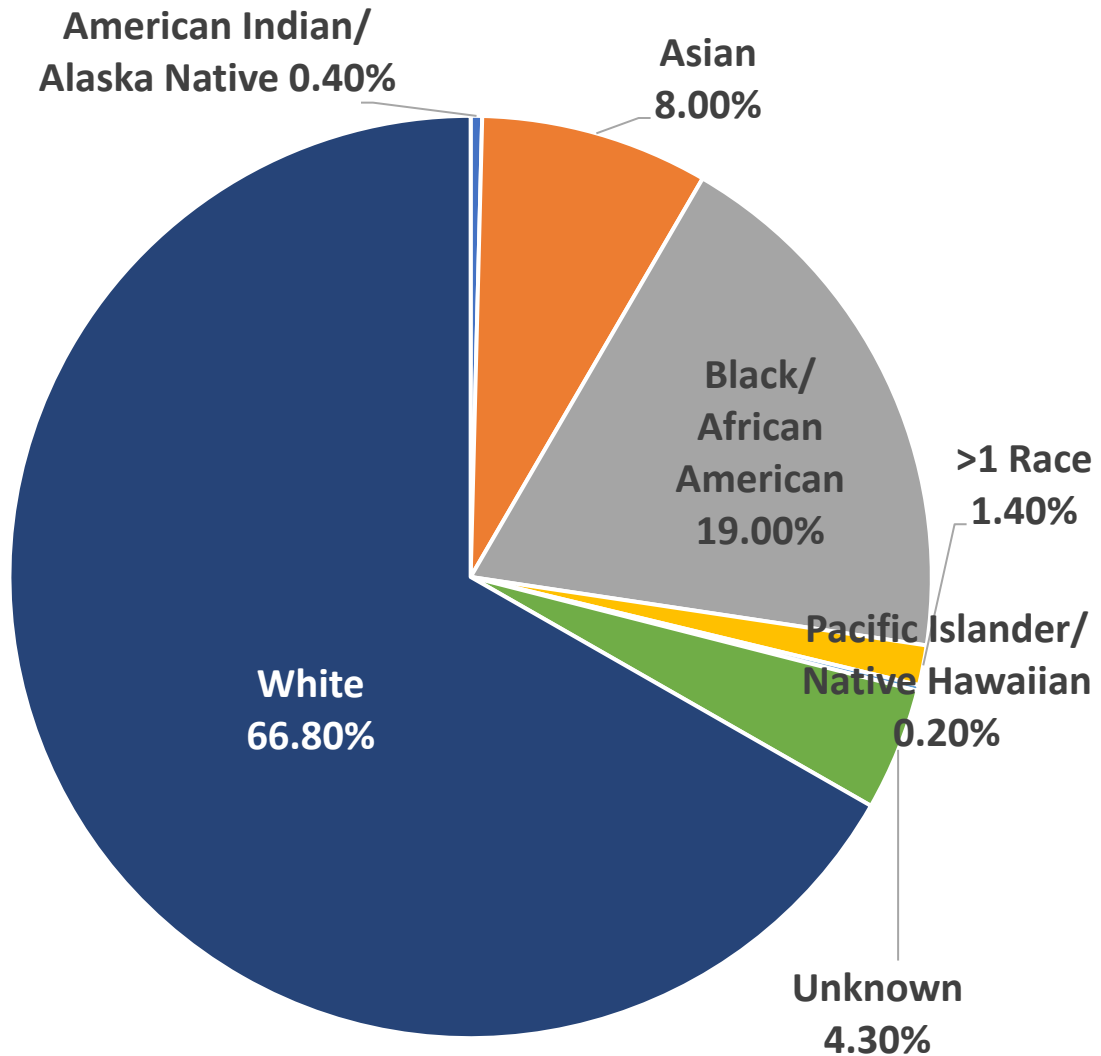


DIVERSITY AND INCLUSION

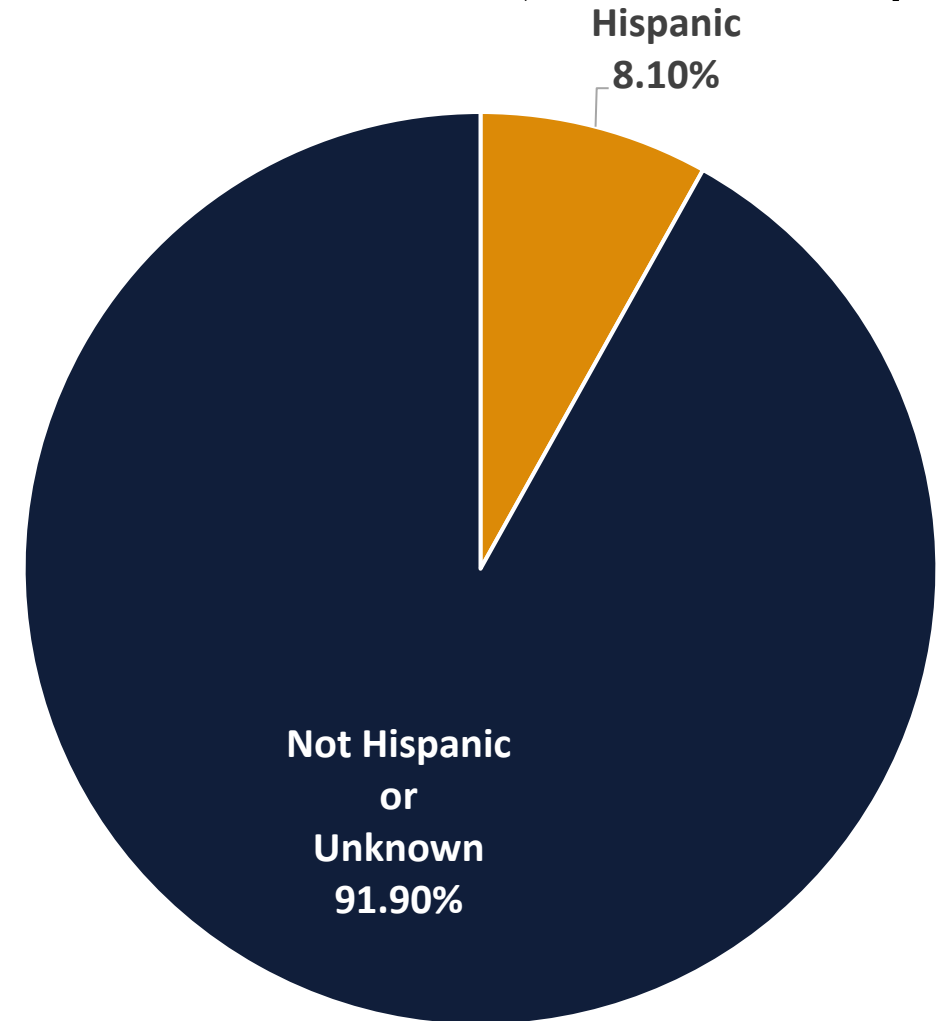
- Participants in NINR-supported research studies
- NINR-supported research workforce

NINR EXTRAMURAL RESEARCH INCLUSION DATA: FY 2016-2018

NINR Research Subjects - Race

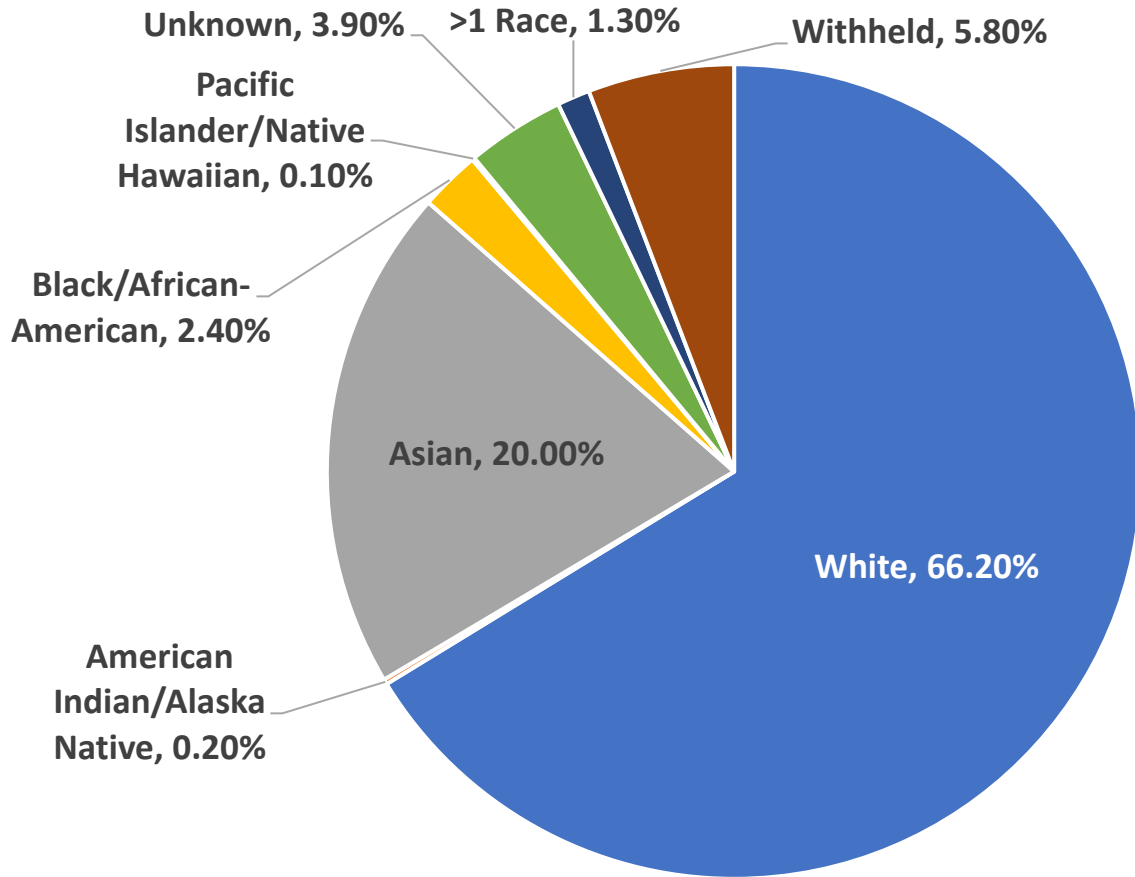


NINR Research Subjects - Ethnicity

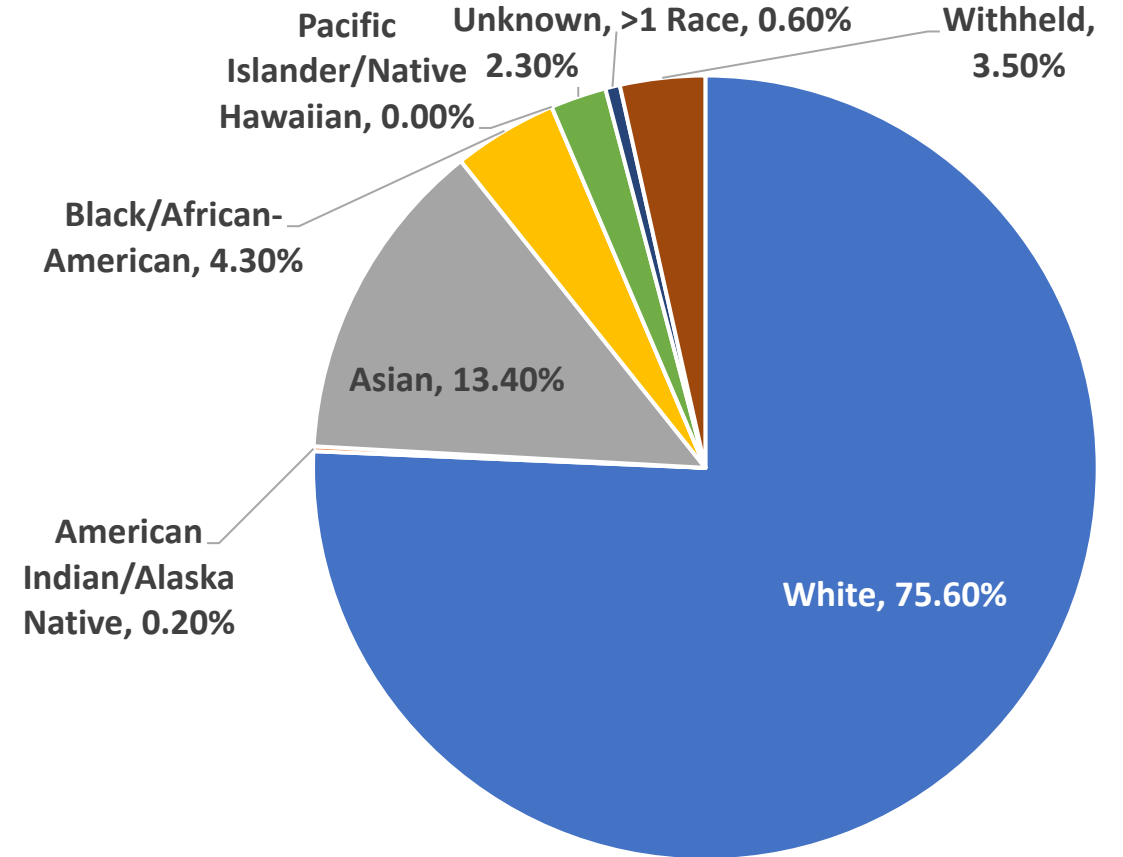


DIVERSITY – NINR-SUPPORTED WORKFORCE

NIH Investigators - Race



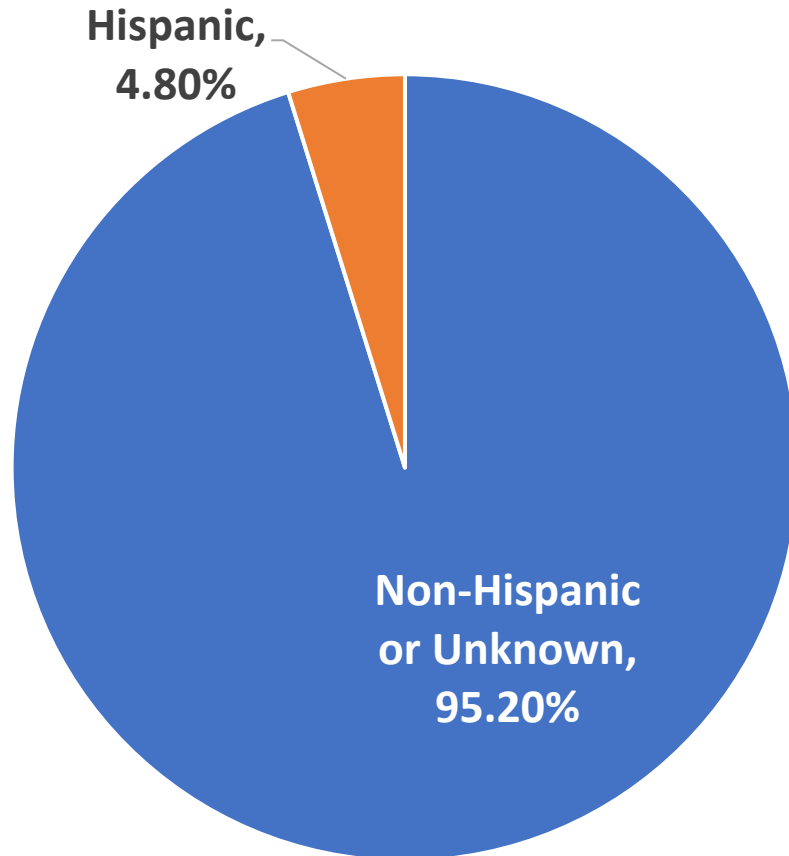
NINR Investigators - Race



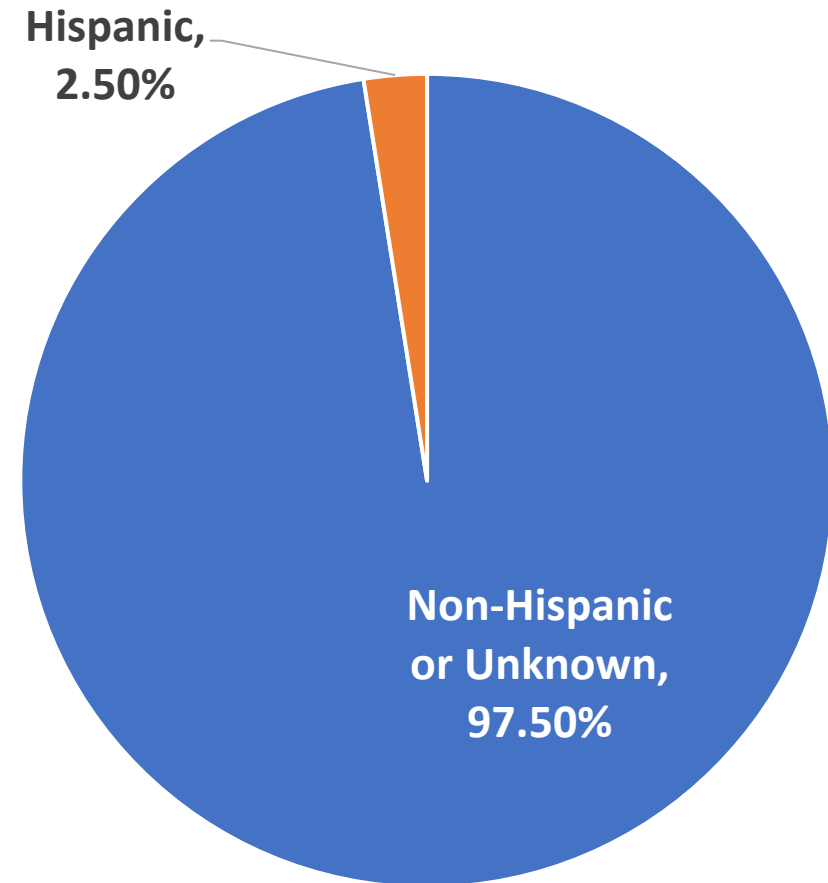
Note: Internal NIH/OER Data for NINR (FY2015-2019); NIH RePORT Data (FY2016-2020)

DIVERSITY – NINR-SUPPORTED WORKFORCE

NIH Investigators - Ethnicity



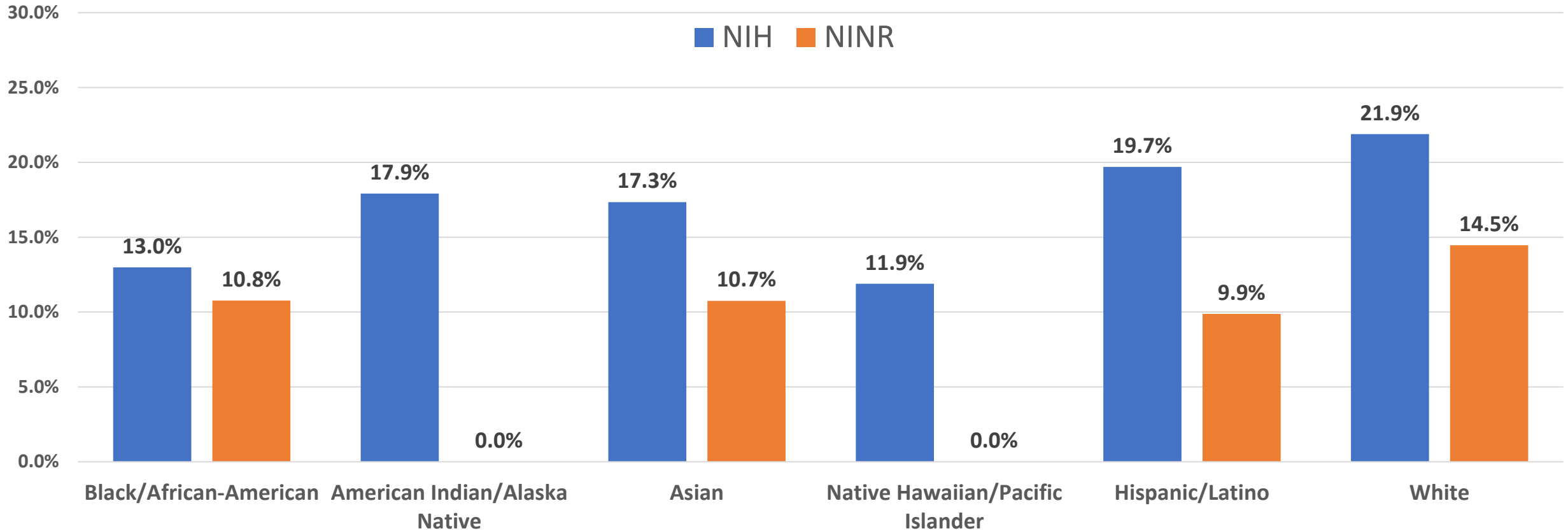
NINR Investigators - Ethnicity



Note: Internal NIH/OER Data for NINR (FY2015-2019);
NIH RePORT Data (FY2016-2020)

DIVERSITY – NINR-SUPPORTED WORKFORCE

NINR R01 Success Rates FY2010-2020



Internal NIH Data from
NIH/OD Scientific Workforce Diversity



DIVERSITY AND INCLUSION

- Participants in NINR-supported research studies
- NINR-supported research workforce

Discussion



STAFF NEWS

DIRECTOR'S ACTIVITIES

■ Presentations and Meetings

- Oncology Nursing Society
- Society for Prevention Research
- Association of Community Health Nursing Educators
- American Thoracic Society
- Indiana University Bloomington

■ Congressional Meetings

- Congressional Black Caucus (w/ Dr. Collins, NIMHD, NHLBI) June 30, 2021
- Black Maternal Health Caucus (w/ Dr. Collins, NICHD, ORWH) July 20, 2021
- Senator Jeff Merkley (Oregon) (Co-Chair, Senate Nursing Caucus) July 29, 2021
- House Nursing Caucus (w/ Dr. Collins, NIMHD, NICHD) To be rescheduled



WELCOME



Olga Acosta

- NINR's New Executive Officer
- 30 years of NIH experience
- Joining NINR from NICHD

WELCOME NEW STAFF TO NINR (SINCE MAY 2021 COUNCIL)

Name	Position	Division
Shalanda Bynum	Program Director	Extramural
Joanie Dawson	Technical Writer	Science Policy and Public Liaison
Dionne Godette	Program Director	Extramural
Laree McKinney	Administrative Officer	Management Services
Liz Perruccio	Program Director	Extramural
Shweta Singh	AAAS Policy Fellow	Extramural



National Institute of Nursing Research

THANK YOU!



Jessica Gill, PhD, RN, FAAN

- NINR's Deputy Scientific Director
- Lasker Clinical Research Scholar
- Chief, Brain Injury Unit, NINR

WE'RE **HIRING** FOR TOP LEADERSHIP POSITIONS!

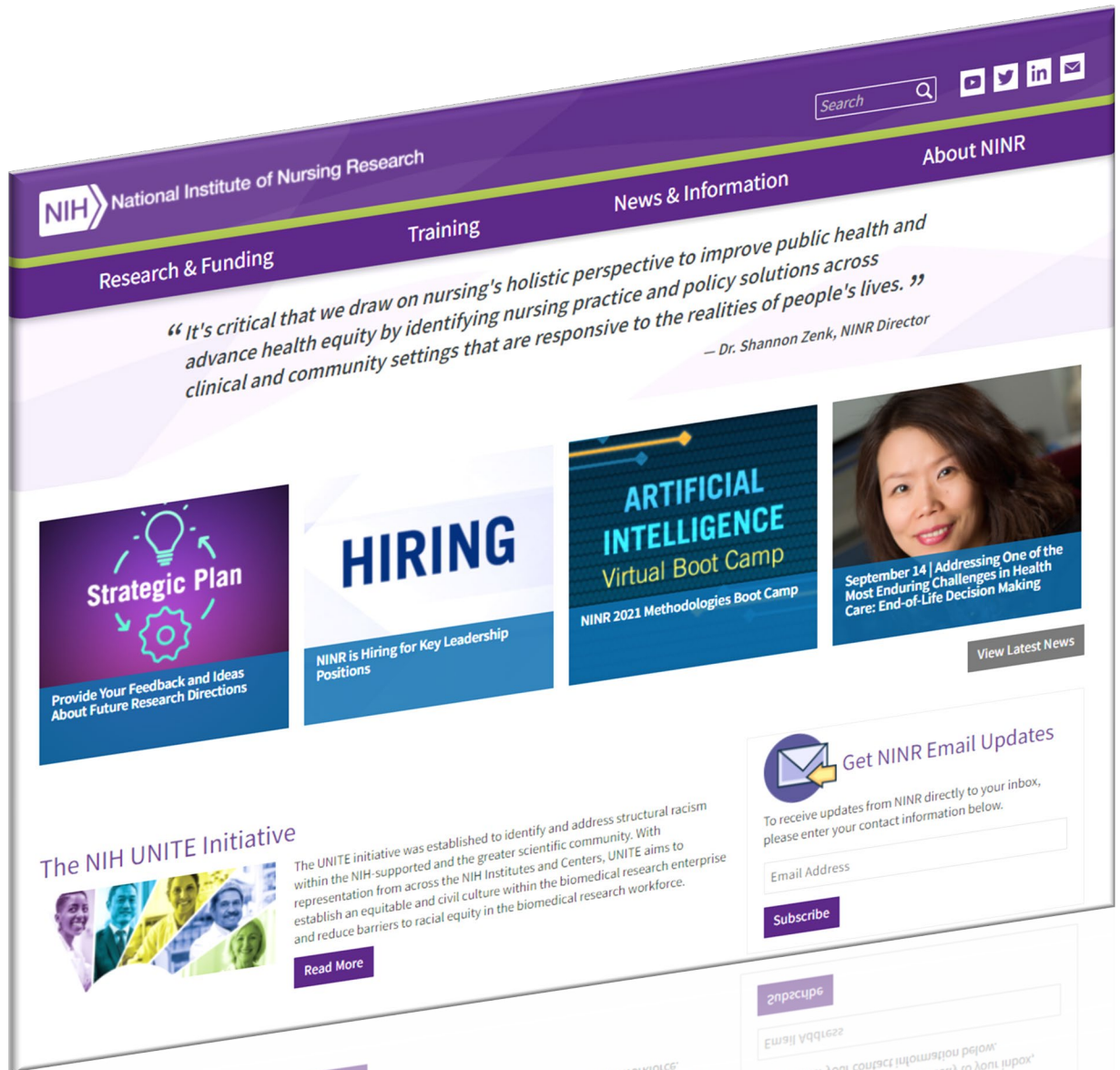
WWW.NINR.NIH.GOV

NINRRECRUITMENT@MAIL.NIH.GOV



National Institute
of Nursing Research





Email: info@ninr.nih.gov
www.ninr.nih.gov