



# National Advisory Council for Nursing Research

112<sup>th</sup> Meeting

Shannon Zenk, PhD, MPH, RN

01|25|2024

# In Memory of...

Dr. Claire Fagin (1926-2024)



# Welcome!

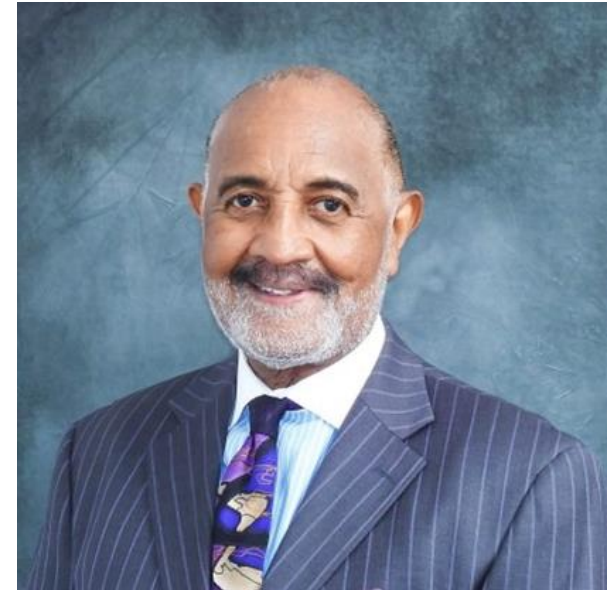
Jing Wang, PhD, MPH, MSN,  
RN, FAAN



Marie Lynn Miranda, PhD



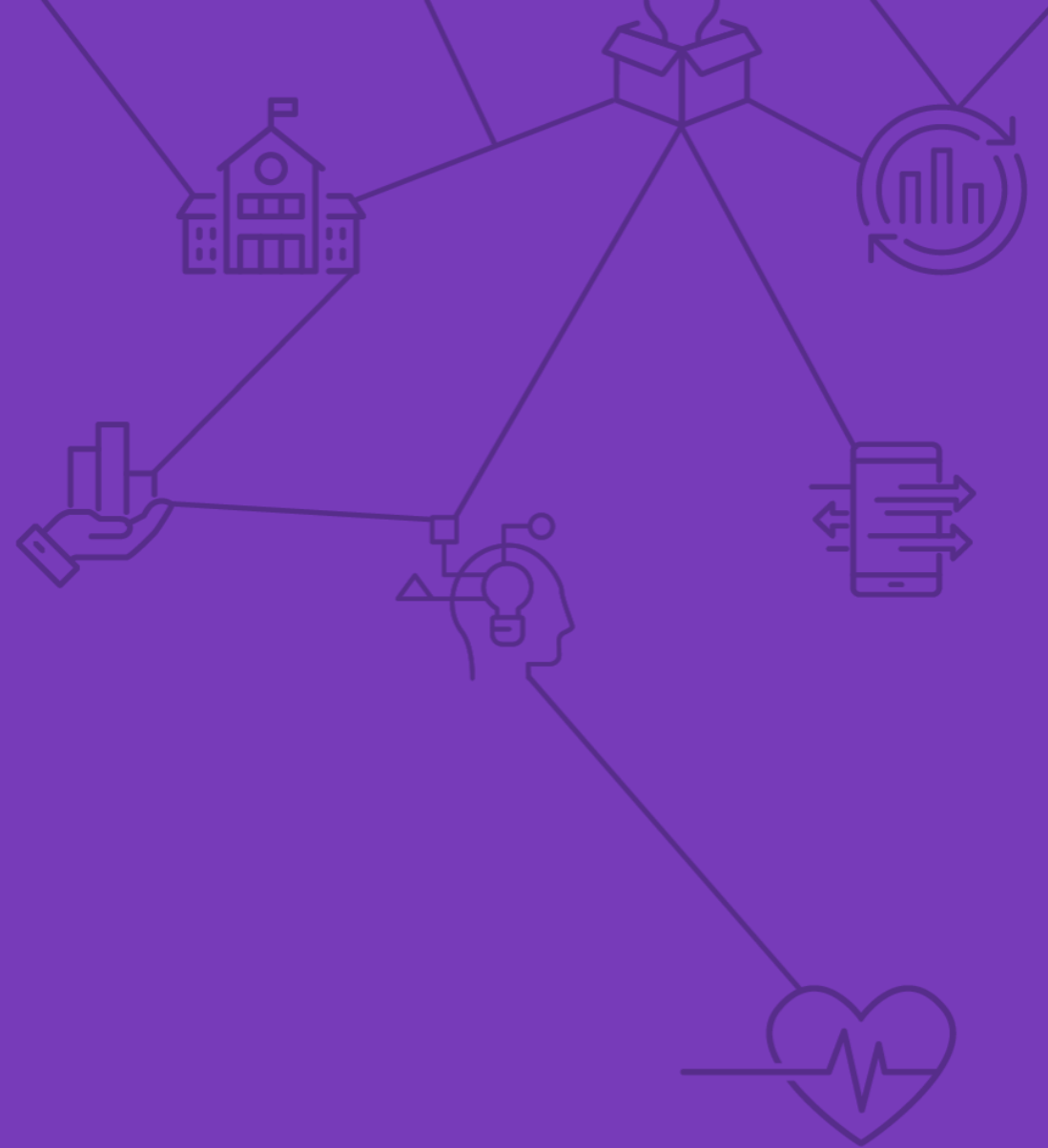
Joseph M. Harrington, BA



# Logistics

- One day virtual event
- Will be archived at [videocast.nih.gov](https://videocast.nih.gov)
- Closed session will begin ~15 minutes after open session

[Videocast.NIH.gov](https://videocast.nih.gov)



# Future Council Meetings

May 23, 2024

Sept 12, 2024

Jan 28, 2025



# National Advisory Council for Nursing Research

## Director's Report

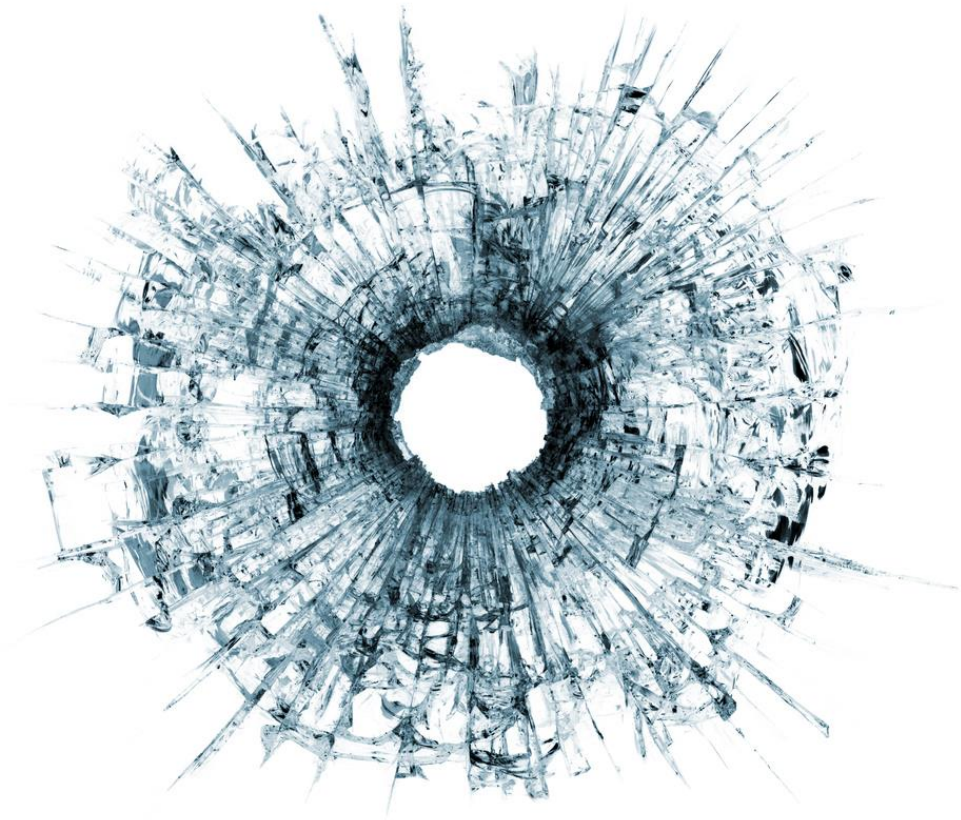
Shannon N. Zenk, PhD, MPH, RN

Jan. 25, 2024



National Institute  
of Nursing Research

# Strategic Imperative Update



## **Firearm Injury Prevention In Community Healthcare Settings (R01)**

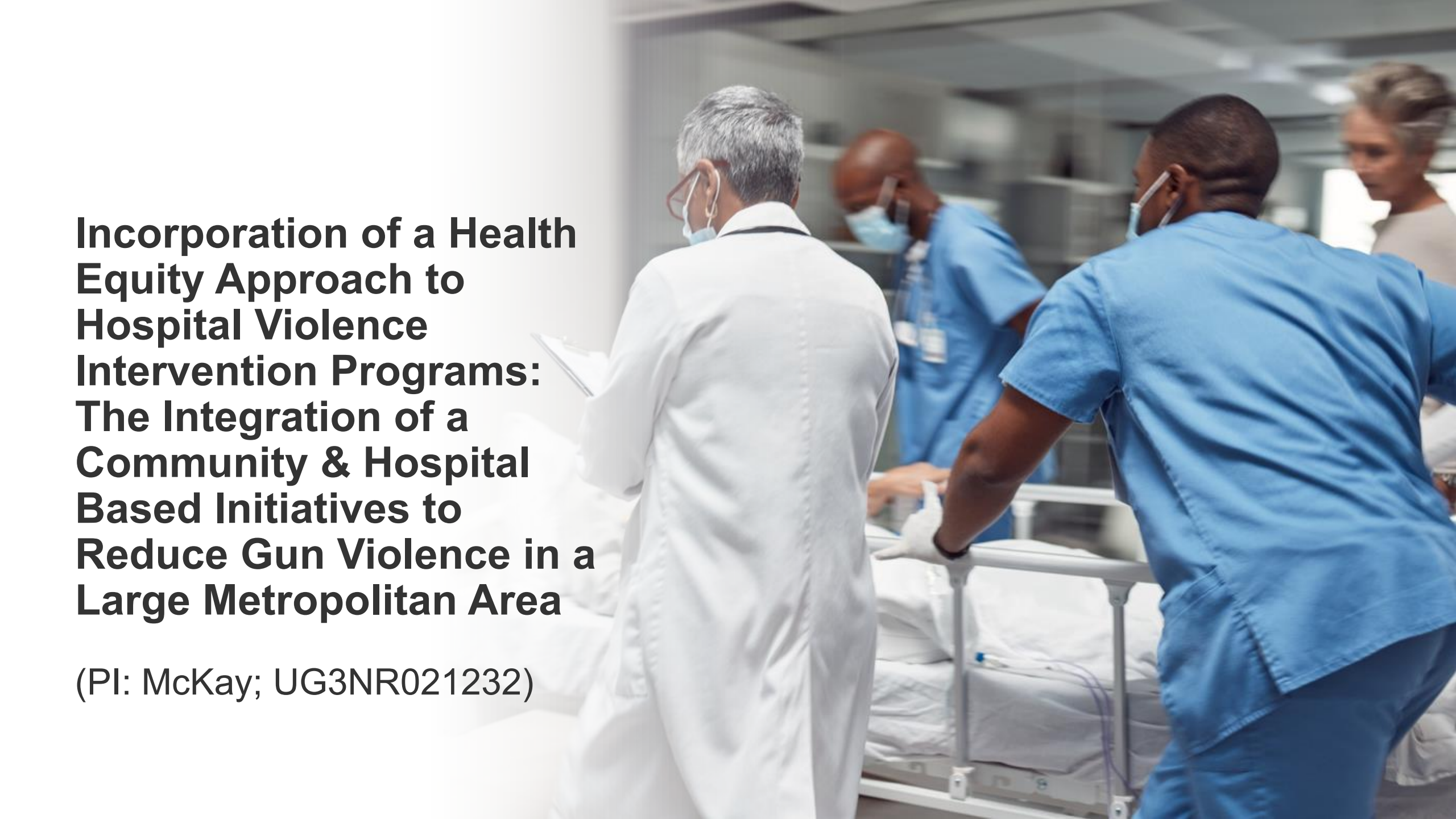
RFA-NR-24-001

- *November 7, 2023*
- **July 26, 2024**

## **Nursing Education Program in Firearm Injury Prevention: Short Courses (R25)**

PA-24-061

- *January 25, 2024*
- **May 25, 2024**



**Incorporation of a Health  
Equity Approach to  
Hospital Violence  
Intervention Programs:  
The Integration of a  
Community & Hospital  
Based Initiatives to  
Reduce Gun Violence in a  
Large Metropolitan Area**

(PI: McKay; UG3NR021232)





**Moving Upstream:  
Understanding  
Racism, Firearm  
Injury Risks, and  
Resiliency Among  
Asian Americans**

(PIs: Hsieh, Wu;  
1RF1NR020753)



# Advancing the Science



# Bridge-to-Care Initiative

RFA-NR-24-003

Applications Due: March 22, 2024



## Short Courses in Social Determinants of Health for Education in Nursing Research (R25) RFA-NR-24-002

### Receipt Dates

- *January 12, 2024*
- **July 1, 2024**



# Council Discussion

NINR Funding Opportunities



## IMPROVE Initiative

Implementing a Maternal health  
and PRegnancy Outcomes  
Vision for Everyone

## Funding Opportunities

**Career  
Enhancement  
Award to Advance  
the Study of  
Intimate Partner  
Violence (IPV) in  
the Context of  
Maternal Morbidity  
and Mortality  
Research (K18)  
RFA-OD-24-001**

**R25 For Short  
Courses on  
Techniques for  
Measuring  
Intimate Partner  
Violence (IPV) in  
Different  
Populations  
(R25) RFA-OD-  
24-002**



# Funding Opportunity



## Health and Health Care Disparities Among Persons Living with Disabilities

(PAR-23-309)

**Application Due Date:  
February 5, 2024**

<https://grants.nih.gov>





# More Funding Opportunities

- **PAR-24-053** Multi-sectoral Preventive Interventions that Address Social Determinants of Health in Populations that Experience Health Disparities (UG3/UH3)
- **RFA-OD-24-006** Coordinating Center to Support Multi-sectoral Preventive Interventions that Address Social Determinants of Health in Populations that Experience Health Disparities (U24)

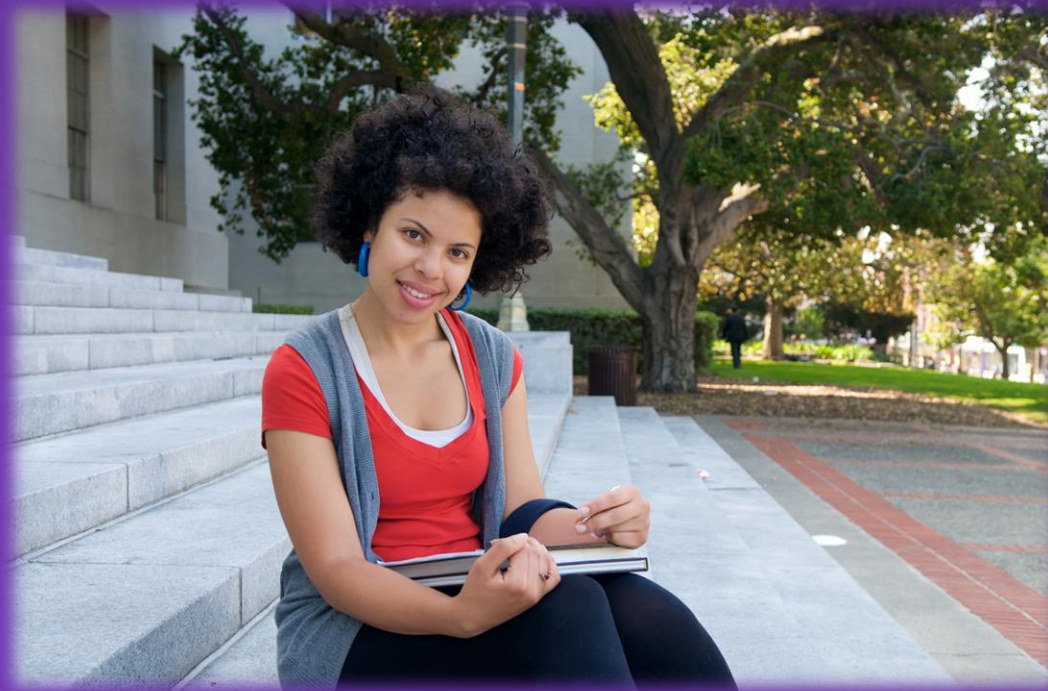
**Application Due Date:  
August 5, 2024**





National Institute  
of Nursing Research

# Transformative Research to Address Health Disparities and Advance Health Equity



# NOFO Transformative Research to Address Health Disparities and Advance Health Equity (U01 Clinical Trial Optional) RFA-NR-24-004



Application Due Date: March 22, 2024



# Council Discussion






Your Help with Dissemination

## Stigma, social and structural vulnerability, and mental health among transgender women: A partial least square path modeling analysis

Athena D. F. Sherman PhD , Melinda K. Higgins PhD, Monique S. Balthazar DNP, PhD, Miranda Hill PhD, Meredith Klepper MS, Jason S. Schneider MD, Dee Adams MSPH, Asa Radix MD, PhD ... [See all authors](#) 



## Examination of Social Determinants of Health Characteristics Influencing Maternal Postpartum Symptom Experiences

Jihye Kim Scroggins<sup>1,2</sup>  · Qing Yang<sup>2</sup>  · Kristin P. Tully<sup>3</sup>  · Karin Reuter-Rice<sup>2,4</sup>  · Debra Brandon<sup>2,4</sup> 

Received: 18 August 2023 / Revised: 5 December 2023 / Accepted: 20 December 2023  
© W. Montague Cobb-NMA Health Institute 2024

### Abstract

Postpartum women experience multiple, co-occurring postpartum symptoms. It is unknown if social determinants of health (SDOH) influence postpartum symptom typologies. This secondary analysis used the Community and Child Health Network study data. Participants included for analysis varied depending on the availability of the SDOH data ( $N = 851$  to 1784). Bivariate and multiple regression analyses were conducted to examine the association between SDOH and previously identified postpartum symptom typologies. Area under the receiver operating characteristics curve (AUROC) was calculated to examine if adding SDOH variables contributes to predicting postpartum symptom typologies. The adjusted odds (aOR) of being in high symptom severity or occurrence typologies were greater for participants who had less than high school education (aOR = 2.29), experienced healthcare discrimination (aOR = 2.21), used governmental aid (aOR = 2.11), or were food insecure (aOR = 2.04). AUROC improved after adding SDOH. Considering experiences of different social-economic hardships influence postpartum symptom typologies, future practice and research should address SDOH to improve postpartum symptom experiences.

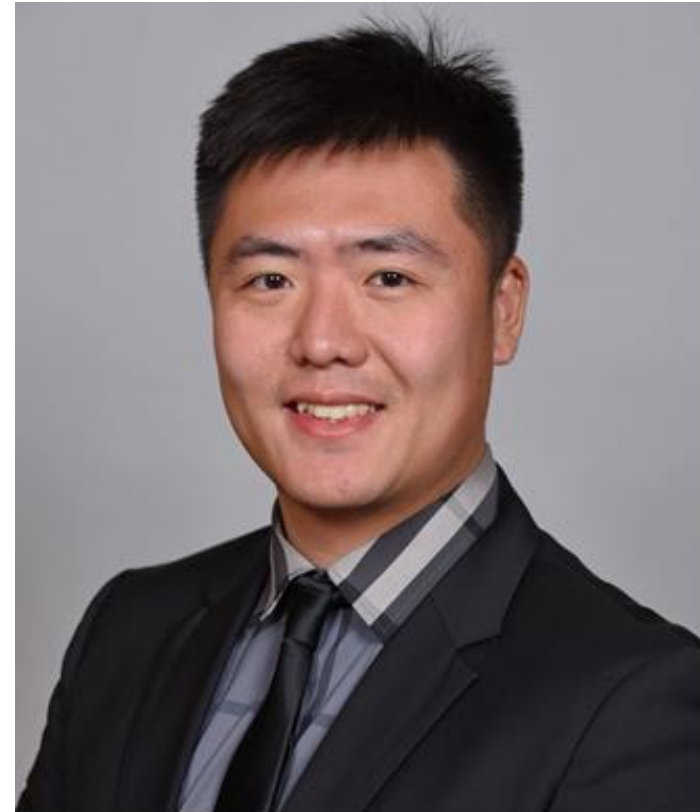
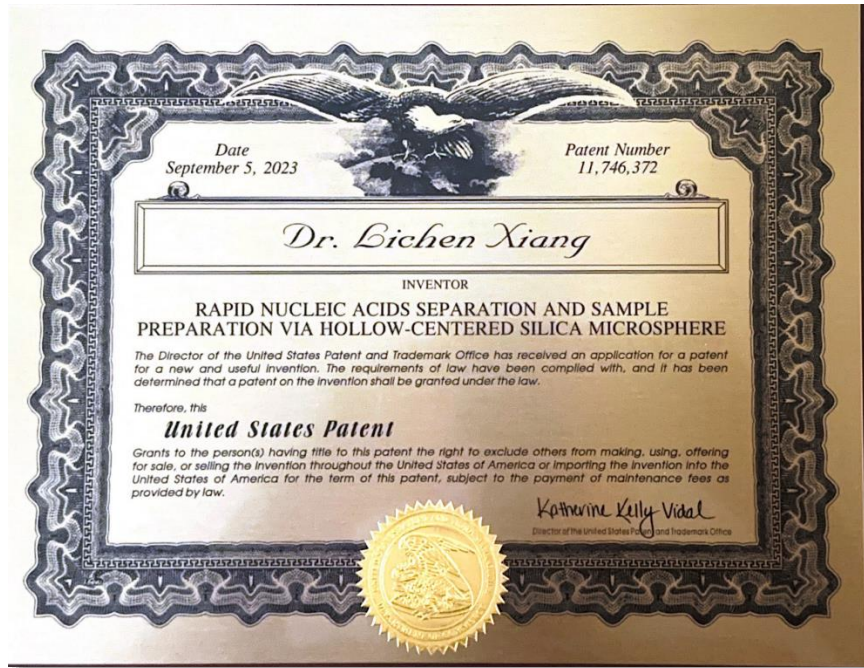
# Beyond the Bedside: Discovering Nursing Research Careers at NIH



# New Patent

Rapid Nucleic Acid Separation and Sample Preparation via Hollow-centered Silica Microsphere.

Dr. Lichen Xiang





# Outreach Activities

# NINR Awareness Day and FNINR Gala





# Outreach Activities



# Council Discussion

Outreach Activities



# Partnerships and Collaborations

# The U.S. Playbook to Address Social Determinants of Health



- **Expand data gathering and sharing**
- **Support flexible funding to address social needs**
  - **Support backbone organizations**



# HHS Strengthening Primary Care



# The Maternal Mortality Crisis



***JAMA November 14, 2023, Volume 330, Number 18***



## VIEWPOINT

### Addressing the Public Health Crisis of Maternal Mortality A National Research Agenda

**Diana W. Bianchi, MD**  
Eunice Kennedy Shriver  
National Institute of  
Child Health and  
Human Development,  
National Institutes of  
Health, Bethesda,  
Maryland.

**Janine A. Clayton, MD**  
Office of Research on  
Women's Health,  
National Institutes of  
Health, Bethesda,  
Maryland.

**Shannon N. Zenk,  
PhD, MPH, RN**  
National Institute of  
Nursing Research,  
National Institutes of  
Health, Bethesda,  
Maryland.

**The US has the highest rates** of maternal mortality and morbidity among high-income nations, with specific populations at increased risk, including pregnant people of American Indian or Alaska Native and Black backgrounds, those of lower socioeconomic status, and people younger than 18 years or older than 35 years. Among Hispanic people, who were previously at lowest risk, maternal mortality rates have more than doubled since 2018.<sup>1</sup> In 2021, more than 1200 people died during pregnancy or up to a year postpartum, a major increase from 754 deaths in 2019 and 861 deaths in 2020.<sup>1</sup> Four of 5 of these deaths were preventable.<sup>2</sup> Although the COVID-19 pandemic exacerbated the number of deaths, the widely disparate rates of maternal mortality and morbidity cannot be attributed to that alone. Instead, they represent the cumulative impact of differential access to high-quality care that is free from bias and discrimination, exposure to adverse social conditions, and decreasing individual and family economic resources over the life course and during the perinatal and postpartum periods. Access to obstetric care is a major challenge in the US, with an increasing number of counties lacking even basic maternity care

The many challenges facing pregnant people in this country and the increased risk for mortality and morbidity in the year following pregnancy require new approaches that leverage the full spectrum of basic, translational, and clinical research to address the mechanisms, contributors, and context of this crisis. In response, the National Institutes of Health (NIH) launched the Implementing a Maternal Health and Pregnancy Outcomes Vision for Everyone (IMPROVE) initiative in 2019. This initiative focuses on research that reduces preventable maternal mortality, decreases severe maternal morbidity, and promotes health equity. This NIH-wide response integrates biological, behavioral, social, and structural factors to build an evidence base for improved care and outcomes in specific populations and regions of the country. This multifactorial approach is necessary due to the scope and nature of the challenges facing those who are pregnant today. Not only is there a need to integrate the approaches to research, but there is also a need to engage new partners, try new tactics, and partner with communities to develop solutions to this ongoing crisis.

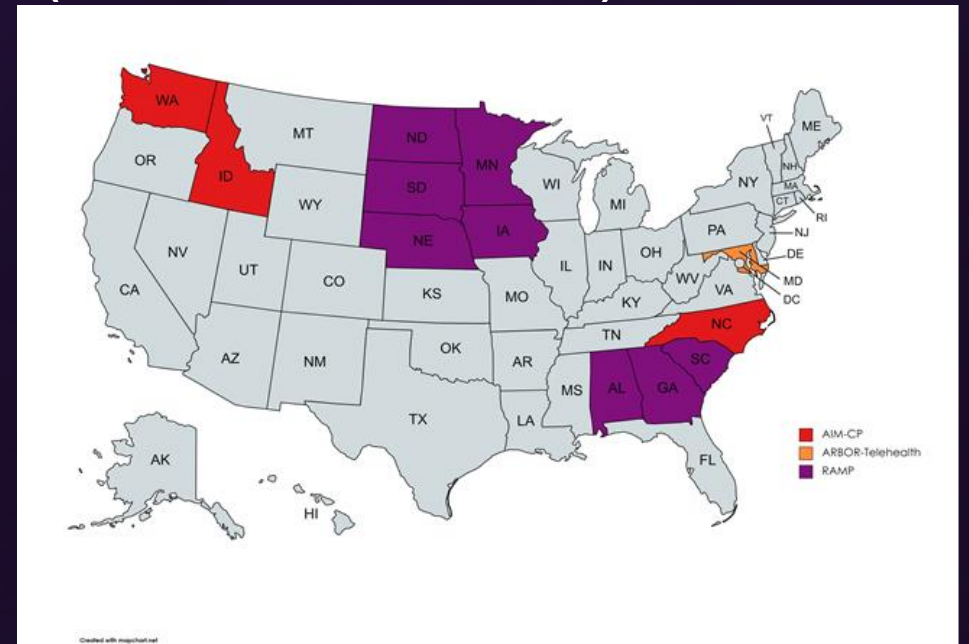
Given the evidence that community partnerships and implementation approaches speed adoption of evidence-based interventions

Viewpoint page 1731

# Helping to End Addiction Long-term (HEAL) Initiative



## Prevention and Management of Chronic Pain in Rural Populations (RFA-NR-23-001)



# Budget Update



# Budget



# Council Discussion

Budget Update



# NINR News and Announcements

# New Staff

Name	Position	Division
<b>Nadia Abu-Saleh</b>	Operations Coordinator	Extramural Science Programs
<b>Kaleena Bowyer</b>	Executive Assistant	Office of the Director
<b>Latashia Whitlowe</b>	Management Program Analyst	Extramural Science Programs
<b>Leigh Willis</b>	Program Director	Extramural Science Programs

Name	Position	Division
<b>Erwin Leyva</b>	Visiting Fellow	Intramural Research

# Wednesday Afternoon Lecture Series (WALS)

Debra Moser, PhD, RN, FAHA, FAAN



**Cardiovascular Disease  
Disparities in Rural  
America: Can This House  
of Cards be Saved?**

**Wednesday, April 17  
2:00 to 3:00 pm ET**

**[https://videocast.nih.gov/  
watch=51133](https://videocast.nih.gov/watch=51133)**

# NINR led the Combined Federal Campaign

## Winners!

FIRST PLACE



SECOND PLACE



GIVE HAPPY CFC

3rd PLACE



GIVE HAPPY CFC





# NIH & Federal News

# Director, National Institutes of Health

Monica M. Bertagnoli, MD





# Director, National Cancer Institute

W. Kimryn Rathmell, MD, PhD



# NIH Designates People with Disabilities as a Population with Health Disparities





## White House Initiative on Women's Health Research

# Council Discussion

What Else? Feedback?



# Thank You!

[info@NINR.NIH.gov](mailto:info@NINR.NIH.gov)