

**Health Equity Research Network (HERN) Posters**

**Prevention of Hypertension HERN**

1	<b>Milla Arabadjian, PhD, FNP-BC, RN</b> , NYU Grossman Long Island School of Medicine, <i>Perception of Cardiovascular Risk and Health Priorities among Socially Vulnerable Mothers of Young Children: Preliminary Results of a Qualitative Study</i>
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**Improving Access to Care and other Health Inequities in Rural America HERN**

2	<b>Maria Alias-Ferri, PhD</b> , Oregon Health & Science University, <i>Rural community peer partnerships for improving methamphetamine-associated heart failure screening and engagement (PEER-HEART)</i>
3	<b>Audrey Blewer, PhD, MPH</b> , Duke University School of Medicine, <i>Facilitating implementation of a drone-delivered automated external defibrillator program</i>
4	<b>Signe Burchim, MS</b> , University of Washington, <i>Legal Epidemiology Analysis of Scope of Practice Laws Affecting Equitable Access to Cardiovascular Health in the United States</i>
5	<b>Brekken Cogswell, BA</b> , University of Washington, <i>Combating Heart Failure through Collaboration in the Mountain West &amp; Pacific Northwest</i>
6	<b>Judah Kreinbrook, BS, EMT-P</b> , Duke University, <i>Intraarrest Transport of Out of Hospital Cardiac Arrest: a Mixed Methods Proposal to Support Drone as First Responder Programs in Rural America</i>
7	<b>Adiya Jaffari, MD</b> , University of Washington, <i>Scoping review of using non-physicians in managing patients with heart failure: preliminary results and impressions</i>
8	<b>Adiya Jaffari, MD</b> , University of Washington, <i>Lifting all boats: strategies to promote equitable bidirectional research training opportunities to enhance global health reciprocal innovation</i>
9	<b>Benjamin Leung, PhD</b> , University of Toronto, <i>Rural-urban differences for integrated first responder and drone automated external defibrillator delivery in North Carolina</i>
10	<b>Tarah Nelson, PhD, FNP-C</b> , University of Florida, <i>Geographic disparities in postpartum care for women with gestational diabetes and hypertensive disorders of pregnancy</i>
11	<b>Rose Thoroughman, MPH</b> , Cincinnati Children's Hospital Medical Center, <i>Developing a Competency-Based Screening Echocardiography Curriculum for Tribal Community Health Representatives to Improve Access to Care</i>
12	<b>Paul Heidenreich, MD</b> , Stanford University/Palo Alto Veterans Institute for Research, <i>Pharmacist-Led Medication Management for Heart Failure Patients</i>

**Maternal & Infant Health HERN**

13	<b>Eric Broni, MD, MPH</b> , University of Pennsylvania, <i>Understandability and Actionability of Co-created Patient Education Materials Assessment Tool on CVD in Pregnancy and Postpartum</i>
14	<b>Marissa Cisneros, PhD</b> , Northwestern University, <i>Latine Race and Ancestry Considerations in Pregnancy Outcomes</i>
15	<b>Hyungkyung Kim, PhD, RN</b> , Northwestern University, <i>Population Attributable Risk Factors by Childhood Stages for Cardiovascular Health in Young Adults</i>

**Maternal & Infant Health HERN Demo Station**

**Kimberly Harper, MSN, RN, MHA**

University of North Carolina

*P3 (Pregnancy and Postpartum/Preconception) EQUATE (Enhancing Access and Quality to Achieve Equitable Maternal and Infant Health) Network – Project Overviews:*

- *Building Equitable Linkages with Interprofessional Education Valuing Everyone (BELIEVE)*
- *A community-engaged approach to understanding the impact of structural racism on maternal health equity (DREAM)*

**Strategically Focused Research Network (SFRN) Posters**

**Biological Pathways of Chronic Psychosocial Stressors on Cardiovascular Health SFRN**

16	<b>Martin Cadeiras, MD</b> , University of California, Davis, <i>Neighborhood Environmental Factors and Heart Failure with Preserved Ejection Fraction</i>
17	<b>João Victor Esteves, PhD</b> , The Ohio State University, <i>Maternal Stress and Exercise Mediate Offspring Cardiovascular Function via the Gut Microbiome</i>
18	<b>Mariana Gallego-Perez, DDS</b> , The Ohio State University, <i>Cardiovascular Changes Following Psychosocial Stress and Particulate Matter (PM)<sub>2.5</sub> Exposure in Adult Mice</i>
19	<b>Miriam Miles, PhD, MSPH</b> , University of Alabama at Birmingham, <i>Role of chronic psychosocial stress on chemotherapy-induced cellular senescence and cardiac fibrosis</i>
20	<b>Kay Moua, MPH</b> , UC Davis Health, <i>Recruitment at High-Risk Stress</i>
21	<b>Angelica Riojas, PhD</b> , Wake Forest School of Medicine, <i>Effects of chronic psychosocial stress on mitochondrial function: early observations in humans and non human primates</i>
22	<b>Padmini Sirish, PhD</b> , University of California, Davis, <i>Chronic Psychosocial Stress Induces Inflammation in Mice Developing Heart Failure</i>
23	<b>Xiaodong Zhang, PhD</b> , University of California, Davis, <i>Functional roles of chronic psychosocial stress in brain-heart interactions in animal models</i>

**Cardiometabolic Health with a focus on Type 2 Diabetes Mellitus SFRN**

24	<b>Amany Alowaisi, MSc, PhD Candidate</b> , University of Iowa, <i>Partial deletion of PHB1 in hepatocytes leads to constitutive mTORC1 activation, fatty liver disease and insulin resistance in mice</i>
25	<b>Emeli Chatterjee, PhD</b> , Massachusetts General Hospital, <i>Obesity and Extracellular Vesicles: Uncovering the Connection to Disease</i>
26	<b>Youngdo Koo, PhD</b> , University of California, Los Angeles, <i>Fatty liver caused by liver specific ULK1 deficiency under 6 month HFD feeding conditions did not induce cardiac dysfunction</i>

**Disparities in Cardio-Oncology SFRN**

27	<b>Jean Bikomeye, PhD, MPH</b> , Medical College of Wisconsin, <i>Urban greenspace and cardiovascular disease comorbidity at breast cancer diagnosis among older women in the United State</i>
28	<b>Stephen Hammond, PhD</b> , Medical College of Wisconsin, <i>Plasma circulating factors contribute to microvascular dysfunction following anticancer therapy</i>
29	<b>Asha Jose, M. Pharm, PhD</b> , Boston University, <i>Dietary Tryptophan Augments Cancer-Associated Venous Thrombogenicity Through Indoleamine 2,3-dioxygenase 1</i>
30	<b>Ana Kojic, PhD, MSc</b> , Stanford Cardiovascular Institute, <i>Study of genetic susceptibility to TKI-induced cardiotoxicity using the iPSC "cell village" system</i>
31	<b>McKay Mullen, PhD, MS</b> , Augusta University, <i>The Cardiotoxic Effect of Androgen Deprivation Therapy on the Genome of Men Diagnosed with Prostate Cancer</i>

### **Diversity in Clinical Trials SFRN**

32	<b>Rifath Ara Alam Barsha, MBBS, DrPH, MPH</b> , Johns Hopkins University School of Medicine, <i>Understanding Motivation to Participate in Clinical Trials: Insights to Diversify Clinical Research Using Health Information National Trends Survey (HINTS)</i>
33	<b>Grace Bellinger, PhD, MPH</b> , Johns Hopkins University School of Medicine, <i>Barriers, Facilitators, and Recommendations for Diverse Engagement in Research: Findings from Focus Group Discussions with the Community</i>
34	<b>Sanaz Dabiri, PhD</b> , University of Southern California, <i>Racial climate on trust and willingness to participate in clinical research among African American adults</i>
35	<b>Juliana K. Garcia, PhD</b> , Washington State University, <i>Understanding Barriers and Facilitators of Clinical Trial Participation Among American Indian People: Preliminary Findings</i>
36	<b>Tzung Hsiai, PhD</b> , University of California, Los Angeles, <i>Integrated Community Engaged, mHealth, and Data Science to Enhance Clinical Trial Diversity and Cardiometabolic Health</i>
37	<b>Zaib Hussain, MBBS, MPH</b> , Johns Hopkins University, <i>Impact of Internet Use on Knowledge of Clinical Trials: An analysis using the Health Information National Trends Survey (HINTS) Dataset</i>
38	<b>Eric Lee, BS</b> , Stanford School of Medicine, <i>Language as a Barrier to Involvement of Asian Americans in Cardiovascular Clinical Trials</i>
39	<b>Olivia (Yu-Hsuan) Wang, PhD</b> , University of Southern California Alzheimer's Therapeutic Research Institute, <i>Beliefs and attitudes toward clinical trials among gender and sexual minorities: findings from Research! America data</i>

### **Inflammation in Cardiac and Neurovascular Disease SFRN**

40	<b>Isabela Landsteiner, MD</b> , Massachusetts General Hospital, <i>Cardiac and Extracardiac Limitations to Exercise Performance in Heart Failure with Preserved Ejection Fraction: A Multi-Organ Mapping through Invasive Hemodynamics</i>
41	<b>Yinan Shi, PhD</b> , University of Pittsburgh, <i>Cerebellar and cerebral frontal lobe alterations in pulmonary hypertension: Evidence of an inflammatory lung-brain axis</i>

### **Health Technologies & Innovation SFRN**

42	<b>Mansi Nimbalkar, MSc</b> , Johns Hopkins University, <i>Lessons learned during m-TECH Rehab Trial for efficient Tech onboarding</i>
43	<b>Francesca Marino, PhD</b> , Boston University, <i>Sleep, Physical Activity, and Subjective Cognitive Decline</i>
44	<b>Tania Chen, MBBS, MPH</b> , Stanford University, <i>Journey from pilot to product - HrtEx</i>
45	<b>Huitong Ding, PhD</b> , Boston University, <i>Assessment of Adherence in Remote Monitoring of Physical Activity in Older Adults: A Pilot Cohort Study</i>

### **Health Technologies & Innovation SFRN Demo Stations**

**Tania Chen, MD, MPH**, Stanford University, *HrtEx - A Chronic Disease Management System*

**Huitong Ding, PhD**, Boston University, *A participant-driven, precision brain health monitoring digital platform*