

Networking Poster Session Tuesday, September 9

2025 Fellow & Trainee Poster Showcase: Excellence in Action

Chronic Stress SFRN

1	Joao Victor Esteves, PhD , The Ohio State University, <i>Maternal Exercise Negates the Effects of Maternal PM2.5 exposure on Offspring Metabolic and Cardiovascular Health</i>
2	Clodomir Joaquim de Santana Junior, PhD , UC Davis, <i>Geospatial Analyses Provide the Link Between Adverse Social Determinants of Health and Environmental Exposures to Heart Failure with Preserved Ejection Fraction Outcomes</i>

Cardiovascular Kidney Metabolic Disease Syndrome SFRN

3	Rosangela Hoshi, PhD, MSPH , Brigham and Women's Hospital, <i>Female-Specific Risk Factors and CKM: Insights from the VITAL study</i>
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Diversity in Clinical Trials SFRN

4	Emily K. Makahi, PhD, MSW , Waianae Coast Comprehensive Health Center, <i>Innovative mHealth Approaches to Address Research Participation Barriers: Early Findings from the 'IKE Kūpuna Evaluation Study</i>
5	Joyline Chepkorir, PhD, MS, BSN , Johns Hopkins University, <i>Implementing a Digital Referral Tool: Lessons from the MEDI Community Resource Platform</i>
6	Nana Ofori Adomako, PharmD, PhD , Johns Hopkins University, <i>Building Trust, Saving Lives: A Community-Engaged Approach to Hypertension Management in Black Adults</i>
7	Zaib Hussain, MBBS, MPH , Johns Hopkins University, <i>Disparities in Knowledge of Clinical Trials by Disease Status: A Health Information National Trends Survey (HINTS) Study</i>
8	Kaitlyn Fruin, MD, MS , UCLA, <i>Food is Medicine at the West Los Angeles Veteran Affairs Medical Center 15-Acre Veterans Garden</i>
9	Azuka Ngige, MBBS, MPH , Johns Hopkins School of Medicine, <i>Reducing Carbohydrate Quantity Lowers 10-Year Predicted Cardiovascular Disease Risk Using the PREVENT Equation: An Ancillary Study of the OMNICARB Trial</i>

Inflammation in Cardiac & Neurovascular SFRN

10	Santiago Alvarez, MD, PhD , Northwestern University, <i>Mitochondrial function regulates neutrophil degranulation and infarct size after myocardial infarction</i>
11	Shagufta Haque, PhD , University of Pittsburgh, <i>Sensory neuronal activation after myocardial infarction leads to cardiac inflammation and remodeling</i>

Maternal & Infant Health HERN

12	Jesse Rattan, PhD, MPH, RN , University of Alabama at Birmingham, <i>Alabama Womb2Heart Pilot Randomized Trial for Cardiovascular Risk Reduction Among Postpartum Individuals with Adverse Pregnancy Outcomes</i>
13	Jasmine Garland McKinney, PhD, LCMHCA, NCC , University of Maryland, College Park, <i>Radical Resistance in Postpartum Care Challenging Harm and Building Liberatory Care Practices through the PLACE™ Training</i>

Rural Health HERN

14	Benjamin Leung, PhD , Duke University, <i>Identifying and quantifying trade-offs in deployment of automated external defibrillators between urban and rural settings</i>
15	Aradhana Verma, MD , Stanford University, <i>What Matters Most: Co-designing Heart Failure Education with Veterans and Caregivers</i>
16	Rose Thoroughman, MPH , Cincinnati Children's, <i>Assessment Methods in a Competency-Based Screening Echocardiography Curriculum Designed for Tribal Community Health Representatives</i>

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Strategically Focused Research Network (SFRN) Posters

Chronic Stress SFRN	
17	Moriah Bellissimo, PhD, RD , Virginia Commonwealth University School of Medicine, <i>Associations between Dietary Intake and Cardiorespiratory Fitness in Patients with Breast Cancer or Lymphoma</i>
18	Mariana Gallego-Perez, DMD , The Ohio State University, <i>Cardiovascular Disease and the Microbiome Following Psychosocial Stress and Particulate Matter Exposure in Adult Mice</i>
19	Joshua J. Joseph, MD, MPH, FAHA, ASCI , The Ohio State University Wexner Medical Center, <i>Black Impact: A Community-Based Lifestyle Intervention to Improve Cardiovascular Health and Psychosocial Stress in Black Men</i>
20	Philip Kramer, PhD , Wake Forest University School of Medicine, <i>Dose-dependent decrease in frontal cortex mitochondrial function in Doxorubicin-treated cynomolgus macaques</i>
21	Xiaodong Zhang, PhD , University of California, Davis, <i>Probing the brain-heart interactions under chronic psychosocial stress</i>
22	Victor Baylon Valdez, MD, MPH , The Ohio State University, <i>Black Impact: Evaluating Outcomes of a Community-Based Cardiovascular Health Intervention</i>
Cardiovascular Kidney Metabolic Disease Syndrome SFRN	
23	Kirsten Casey, PhD , The Ohio State University, <i>Design of an emulated target trial to examine sex-based heterogeneity of GLP-1 agonists and SGLT2 inhibitors on CKMH outcomes</i>
24	Jessica Faulkner, PhD , Augusta University, <i>Mechanisms of CKMS in Pregnancy</i>
25	Daria Ilatovskaya, PhD , Augusta University, <i>Aging and diet in CKMS: focus on FFAs and mitochondrial function</i>
26	Marlo Vernon, PhD, MPH , Augusta University, <i>Using Implementation Science to Identify Barriers and Facilitators to CKMS Prevention and Management in Women: A Dual Perspective Approach</i>
Diversity in Clinical Trials SFRN	
27	Phenese Dunlap, PhD, MPH , Stanford University, <i>Usability Assessment of LLM-Powered Simulation for Clinical Trial Recruitment</i>
28	Melvin Echols, MD, MSCR , Morehouse School of Medicine, <i>Design and Implementation of a Resident-Led Screening Protocols in a Hypertension Study: A Randomized Comparison of Screening Modalities</i>
29	Muhammed Idris, PhD , Morehouse School of Medicine, <i>Usability Evaluation of LLM-Powered Simulation Training for Clinical Trial Recruitment</i>
30	Michelle Ogunwole, MD, PhD , Johns Hopkins University School of Medicine, <i>Nutrition Optimization and Community Upliftment for Postpartum Recovery: Intervention to Support Healing After Gestational Diabetes Mellitus</i>
31	Marina Ritchie, PhD , University of Southern California, <i>Participant Research Satisfaction in a Preclinical Alzheimer's Disease Trial</i>
Inflammation in Cardiac and Neurovascular Disease SFRN	
32	Laura DeVault, PhD , University of Michigan, <i>Microglial Senescence and Inflammaging in the Brain: Insights from In Vivo and In Vitro Models of Metabolic Stress</i>
33	Yinan Shi, PhD , University of Pittsburgh, <i>NCOA7: An Inflammatory Linker Between Pulmonary Hypertension and Neurodegenerative Disease</i>
34	Ling Tian, PhD , Northwestern University, <i>Intersection between Cardiovascular-Kidney-Metabolic (CKM) Syndrome and Inflammation in Incident Cardiovascular Disease (CVD) and All-cause Mortality</i>

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Health Equity Research Network (HERN) Posters

Community-Driven Research Approaches HERN	
35	Victoria Hummel, MPP, Yale University, <i>Inclusion of Incarcerated Individuals and Their Families in Cardiovascular Health Research: Insights from Community-Based Focus Groups</i>
Maternal & Infant Health HERN	
36	Janiya Mitnaul Williams, MA, IBCLC, RLC, Jasmine Garland McKinney, PhD, LCMHCA (NC), NCC, Kimberly D. Harper, MSN, RN, MHA, C-EFM, Samantha Martin, PhD, UNC Chapel Hill, <i>Building Bridges: HBCUs, Communities, and the Future of Maternal Health</i>
Rural America HERN	
37	Bridget O'Connell, PharmD, Palo Alto Veterans Institute for Research, <i>Access to Heart Failure Specialty Care for Medicare Patients with Heart Failure</i>
38	Audrey Blewer, PhD, MPH, Duke University School of Medicine, <i>Implementation of a drone-delivered AED network in Forsyth County</i>
39	Signe Burchim, MS, University of Washington, <i>Digital health in rural cardiovascular care: provider perspectives</i>