



NEW KIDS ON THE BLOCK

EMERGING CONTRIBUTORS TO VASCULAR DYSFUNCTION

— & —

MITIGATING STIFFNESS IN THE LAB AND YOUR CAREER

THE 2024 NORTH AMERICAN ARTERY
VIRTUAL SYMPOSIUM
FEBRUARY 14 & 28, 2024



 @Naartery

 @NAASociety

 /naartery

naartery.org/symposium

WEDNESDAY, FEBRUARY 14TH

SCIENTIFIC SESSION

11:00 AM-1:00 PM EST

NEW KIDS ON THE BLOCK

EMERGING CONTRIBUTORS TO VASCULAR DYSFUNCTION

11:00 – 11:15 am

Introduction to NAA

11:15 – 11:45 am

Keynote Presentation



Dr. Lacy M. Alexander

Pennsylvania State University

Microvascular function in health and disease: Tales from stinky biochemistry to clinical application

11:45 – 12:10 pm

Graduate Student 3-min thesis presentations, followed by Panel Q&A



1. Sanna Darvish, PhD Student

University of Colorado Boulder

Late-onset menopause is associated with a partial preservation of vascular endothelial function due to suppression of mitochondrial oxidative stress and differences in the circulating milieu



2. Xiangyu (Jacob) Zheng, PhD Candidate

Florida State University

Arterial function in the TcMAC21 mouse model of Down syndrome



3. Auni C. Williams, PhD Student

Pennsylvania State University

Role of cyclooxygenase and platelet activity in integrative vascular function in endometriosis



4. Danielle Jeffrey, PhD Student

University of Colorado Anschutz Medical Campus

KATP channel hyperactivity in CADASIL cerebral pericytes



5. John Kolade, PhD Student

University of Texas at Arlington

Examining the potential relationship between indices of vascular function/health and social determinants of health in Non-Hispanic Black individuals

12:10-12:26 pm



Sophie Seward, PhD Candidate

Colorado State University

Cardiovascular impairments associated with sleep and circadian disruption

12:26-12:42 pm



Ashley Darling, PhD Candidate

University of Delaware

Microvascular dysfunction in adults with major depressive disorder

12:42-12:58 pm



Lauren Eagan, MPH, PhD Candidate

University of Maryland

Social stressors and vascular resilience in emerging adults

12:58-1:00 pm

Close

WEDNESDAY, FEBRUARY 28TH

CAREER DEVELOPMENT SESSION

2:00 PM-4:00 PM EST

NEW KIDS ON THE BLOCK

MITIGATING STIFFNESS IN THE LAB AND YOUR CAREER

2:00 – 2:50 pm

Tutorial Lecture



Dr. Kevin Heffernan, PhD, FACSM
Columbia University

A new investigator's guide to the measurement of arterial stiffness: Making sure you got "the right stuff"

2:50 – 4:00 pm

Career Development Panel Discussion

Four of our favorite vascular visionaries will introduce themselves and share their advice for handling turbulence and navigating the twists and turns of careers in artery research, followed by a panel discussion and Q&A.



1. Abbi Lane, PhD
Assistant Professor of Applied Exercise Science
University of Michigan

"Start your subcontracts early and pay your babysitters well!"



2. Leroy Cooper, PhD, MPH
Associate Professor of Biology
Vassar College

"Effective teaching is vital at a liberal arts college. Actively pursue opportunities to teach during your graduate and postdoctoral training, whether as a teaching assistant or as the instructor of record."



3. Seda Tierney, MD
Professor of Pediatrics/Pediatric Cardiology, Lucile Packard Children's Hospital
Stanford University

"Persist, don't give up, and find new pathways to overcome barriers. You can erase what is written on the wall. Feel free to create your norm. Think outside of the box and keep pushing – gently – but persistently."



4. Evan Pasha, PhD
Senior Medical Science Liaison CVRM-Amyloidosis
AstraZeneca

"Relentless pursuit is needed to achieve the next stage of your career regardless of the path you choose"

4:00 pm

Close

2024 NAA CONFERENCE

STATE OF THE ARTERY
MECHANISMS AND PREVENTION OF EARLY VASCULAR AGING

JUNE 14TH – 15TH | AURORA, CO