

**National Heart, Lung, Blood Institute
Cardiovascular Epidemiology, Biostatistics, and Prevention Trainee Session**

**Marquette Room, Hilton Chicago, Chicago Illinois
March 19, 2024, 1:00pm – 5:00pm**

Session I

**Moderators: Pamela Lutsey, Ph.D.
Mahasin Mujahid, Ph.D.**

Presentation Time	Title and Authors
1:00 – 1:15	Effect of Low-Fat vs Low-Carbohydrate Diet on Visceral Fat. Follis S, Cunanan K, Stanford University, Palo Alto, CA; Matthew J. Landry, University of California, Irvine, CA; Ward C, Stefanick ML, Gardner CD, Stanford University, Palo Alto, CA.
1:15 - 1:30	The Oral Microbiome and Prospective Risks of All-Cause and Cardiometabolic Mortality: The National Health and Nutrition Examination Survey. Adam HS, Pankow J, University of Minnesota, Minneapolis, MN; Demmer RT, Mayo Clinic, Rochester, MN.
1:30 – 1:45	Does targeting a physical activity intervention based on physical function and physical activity levels affect physical activity outcomes? A randomized study within the WHI Strong and Healthy (WHISH) trial. Rovzar C, Stanford University, Palo Alto, CA; Wegner L, University of Nebraska, Omaha, NE; Mackey S, King A, Follis, S, Stefanick M, Stanford University, Palo Alto, CA.
1:45 – 2:00	Association of Physical Activity with Aortic Stiffness in the Jackson Heart Study. Patrick Z, University of Mississippi, Jackson, MS; Heitman E, University of Texas, Dallas, TX; Affuso O, Council on Black Health, Raleigh, NC; Walker BH, University of Mississippi, Jackson, MS; Cooper LL, Vassar College, Poughkeepsie, NY; Reneker JC, University of Mississippi, Jackson, MS.
2:00 – 2:15	Coronary Artery Calcium Burden in Rural Alabama: Initial Findings from the Risk Underlying Rural Areas Longitudinal Cohort Study. Razavi AC, Emory University, Atlanta, GA; Ramachandran VS, University of Texas, San Antonio, TX; van den Heuvel E, Boston University, Boston, MA; Whelton SP, Dzaye O, Johns Hopkins University, Baltimore, MD; Mujahid MS, University of California, Berkeley, CA; Lewis T, Emory University, Atlanta, GA; Judd SE, University of Alabama, Birmingham, AL; Rotter J, University of California, Torrance, CA; Coronado F, CDC, Atlanta, GA; van Assen M, De Cecco CN, Quyyumi AA, Emory University, Atlanta, GA; Blaha MJ, Johns Hopkins University, Baltimore, MD; Sperling LS, Emory University, Atlanta, GA; Budoff MJ, University of California, Torrance, CA; Vaccarino V, Emory University, Atlanta, GA.
2:15 – 2:30	Sociodemographic Differences in Cardiac Device Implantation in the Atherosclerosis Risk in Communities (ARIC) Study. Sigounas V, Collins JM, Anthony KM, Buchheit S, Stewart JD, Rosamond WD, Whitsel EA, University of North Carolina, Chapel Hill, NC.
2:30 – 2:45	A Multivariate Analysis of Genetic Risk Scores for Heart Failure and Left Ventricular Mass Derived from Multi-Ancestry Populations and Left Ventricular Mass Amongst African Americans: The Jackson Heart Study. McLaurin D, Turk P, University of Mississippi, Jackson, MS; Heitman E, University of Texas, Dallas, TX; Affuso O, Council on Black Health, Raleigh, NC; Raffield L, University of North Carolina, Chapel Hill, NC.
2:45 – 3:00	Association between Perceived Discrimination and Arterial Stiffness in Non-Hispanic Black Adults. Pagan Lassalle P, University of North Carolina, Chapel Hill, NC; Sims M, University of California, Riverside, CA; Stoner L, Kerr ZY, University of North Carolina, Chapel Hill, NC; Barone Gibbs B, West Virginia University, Morgantown, WV; Moore JB, Wake Forest University, Winston-Salem, NC; Loop MS, Auburn University, Auburn, AL; Palta P, Kucharska-Newton A, Meyer ML, University of North Carolina, Chapel Hill, NC.
3:00	Adjourn Session I

National Heart, Lung, Blood Institute Cardiovascular Epidemiology, Biostatistics, and Prevention Trainee Session

Session II

Moderators: Justin Echouffo Tcheugui, Ph.D., M.D.
Telisa Spikes, Ph.D.

Presentation Time	Title and Authors
3:15 – 3:30	Social isolation and social support are associated with self-rated health and heart failure outcomes in the Atherosclerosis Risk in Communities (ARIC) Study. Peter-Marske KM, Howard AG, Evenson KR, Berkeley SJ, Maselko J, University of North Carolina, Chapel Hill, NC; Sims M, University of California, Riverside, CA; Kucharska-Newton A, University of North Carolina, Chapel Hill, NC; Russell SD, Duke University, Durham, NC; Sullivan K, University of Mississippi, Jackson, MS; Rosamond W, University of North Carolina, Chapel Hill, NC.
3:30 – 3:45	Educational Attainment and the Effect of Intensive Blood Pressure Reduction: A Post-hoc Analysis of the Systolic Blood Pressure Intervention Trial (SPRINT). Garfein J, Sekikawa A, Mrkva A, Magnani J, University of Pittsburgh, Pittsburgh, PA.
3:45 – 4:00	Health behaviors in early pregnancy are associated with mid-pregnancy biomarkers of placental health and function. Kozai AC, University of Pittsburgh, Pittsburgh, PA; Gibbs BB, West Virginia University, Morgantown, WV; Khan S, Northwestern University, Evanston, IL; Grobman W, Ohio State University, Columbus, OH; Levine LD, University of Pennsylvania, Philadelphia, PA; McNeil R, RTI International, Washington, DC; ; Parry S, University of Pennsylvania, Philadelphia, PA; Catov JM, University of Pittsburgh, Pittsburgh, PA.
4:00 – 4:15	Financial Hardship and Sleep Quality among Black American Women with and without Systemic Lupus Erythematosus. Abdallah K, Udaipuria S, Murden R, McKinnon II, Emory University, Atlanta, GA; Erving CL, University of Texas, Austin, TX; Fields N, Emory University, Atlanta, GA; Moore RH, Drexel University, Philadelphia, PA; Booker B, Burey T, Dunlop-Thomas C, Drenkard C, Johnson DA, Vaccarino V, Lim SS, Lewis TT, Emory University, Atlanta, GA.
4:15 – 4:30	Abdominal Myosteatosis and Cognitive Function: Insights from CARDIA Study. Acevedo-Fontanez AI, Rosano C, University of Pittsburgh, Pittsburgh, PA; Yaffe K, University of California, San Francisco, CA; Carr JJ, Terry JG, Sangeeta Nair, Vanderbilt University, Nashville, TN; Cvejkus R, Iva Miljkovic, University of Pittsburgh, Pittsburgh, PA.
4:30 – 4:45	1,5-anhydroglucitol as a biomarker of hyperglycemic excursions defined by continuous glucose monitoring in older adults with diabetes. Malek N, Fang M, Shin J, Coresh J, Johns Hopkins University, Baltimore, MD; Pankow J, Lutsey P, University of Minnesota, Minneapolis, MN; Valint A, University of North Carolina, Chapel Hill, NC; Echouffo-Tcheugui J, Selvin E, Johns Hopkins University, Baltimore, MD.
4:45 – 5:00	Randomized Trial of an Integrated Care Intervention among Latino Adults: Sustained Effects on Diabetes Management. Mendez-Rodriguez H, Rosas, C. E., University of California San Diego, La Jolla, CA; Talavera G. A., South Bay Latino Research Center, Chula Vista, CA; Roesch S. C., San Diego State University, San Diego, CA; Muñoz F., San Ysidro Health, San Diego, CA; Castañeda S. F., Mendoza P. M., Gallo L. C., South Bay Latino Research Center, Chula Vista, CA.
5:00	Adjourn Session II

Please join us for the Trainee Moderated Poster session in Salon D.

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**Salon D
March 19, 2024, 5:00pm**

Moderator: Candice Price, Ph.D.

MP49 Serum Potassium Trajectories Among Chronic Kidney Disease Patients: The Chronic Renal Insufficiency Cohort Study. Cueto J, Tulane University, New Orleans, LA; Stefanescu AR, Gies College of Business, Champaign, IL; He H, Chen J, Tulane University, New Orleans, LA; Grams M, Johns Hopkins University, Baltimore, MD; Anderson AH, University of Alabama, Birmingham, AL; He J, Mills KT, Tulane University, New Orleans, LA.

MP50 Consumption of Added Sugar and Added Sugar-Rich Foods and Beverages is Associated with Accelerated Epigenetic Aging in the Coronary Artery Risk Development in Young Adults (CARDIA) study. Copp KL, Steffen LM, Yi SY, Zhou X, David R. Jacobs DR, University of Minnesota, Minneapolis, MN; Shikany JM, University of Alabama, Birmingham, AL; Rana J, Kaiser Permanente, Oakland, CA; Joyce B, Zheng Y, Kim K, Hou L, Northwestern University, Chicago, IL.

MP51 Effect of exergaming-based dance training paradigm in improving cardiovascular function and functional mobility among people with chronic stroke. Subramaniam S, Ma J, University of Illinois, Chicago, IL.

MP52 Higher Measures of Adiposity Associated with Lower Risk of Dementia Only in the Presence of Mid- to Late-life Weight Loss: the Atherosclerosis Risk in Communities (ARIC) study. Cannon E, University of Minnesota, Minneapolis, MN; Windham B, Griswold M, University of Mississippi, Jackson, MS; Palta P, University of North Carolina, Chapel Hill, NC; Sedaghat S, Lutsey P, University of Minnesota, Minneapolis, MN.

MP53 Correlates of Cardiac Structure and Function in African Ancestry Adults in the Caribbean: The Tobago Heart Study. Katz R, University of Pittsburgh, Pittsburgh, PA; Gupta DK, Mallugari R, Vanderbilt University, Nashville, TN; Thomas C, Gonzalez I, Premier Heart Care Limited, Port of Spain, Trinidad, Trinidad and Tobago; Cvejkus RK, University of Pittsburgh, Pittsburgh, PA; Wheeler V, Tobago Health Studies Office, Scarborough, Tobago, Trinidad and Tobago; Miljkovic I, Kuipers AL, University of Pittsburgh, Pittsburgh, PA.