



EPI|Lifestyle 2023

Final Program

TUESDAY FEBRUARY 28

1:00 – 7:00 PM	Speaker Ready Room <i>Audition</i>
1:00 – 7:00 PM	Registration Opens <i>Ensemble (pre function space)</i>
4:30 – 7:15 PM	Childcare <i>Impressionism</i>
5-7 PM	Opening Poster Session 1 For a full list of poster presentations, please see the EPI/Lifestyle Posters on the programming page <i>Ensemble EFG</i>

WEDNESDAY MARCH 1

7:00 AM – 6:00 PM	Speaker Ready Room <i>Audition</i>
7:00 AM – 6:00 PM	Registration <i>Ensemble (pre function space)</i>
7:00 AM – 5:00 PM	Exhibits <i>Ensemble (pre function space)</i>
7:00 AM – 8:45 PM	Childcare <i>Impressionism</i>
7:30 – 8 AM	Coffee <i>Ensemble (pre function space)</i> (Breakfast on your own)

8-10AM	<p>Opening Session and Keynote Lectures: From Science to Action: Implementing Knowledge for Healthy Hearts <i>Ensemble ABCD</i></p> <p>8:00 AM AHA Presidential Remarks Michelle A. Albert, MD, MPH, FAHA, American Heart Association President</p> <p>8:10 AM Welcome Remarks Marie-France Hivert, MD, FAHA, Chair, EPI/Lifestyle 2023 Program Committee</p> <p>Keynote Speakers 8:15 AM Implementation Science: An Overview Crystal Wiley Cené, MD, MPH, FAHA</p> <p>8:40 AM Real-Life Implementation Josiemer Mattei, PhD, MPH</p> <p>9:05 AM Policies to Actions Sara Bleich, PhD</p> <p>9:30 AM Discussion</p>
10-10:30 AM	<p>Networking Roundtable Session <i>Contemporary</i></p> <p>Implementation Science Crystal Wiley Cené, MD, MPH, FAHA</p> <p>Policies to Action Sara Bleich, PhD</p> <p>Implementation IRL Josiemer Mattei, PhD, MPH</p> <p>Health Literacy Jared Magnani, MD, MSc</p>

	COVID19 Elizabeth Oelsner, MD, MPH
10-10:30 AM	Coffee Break <i>Ensemble (pre function space)</i>
10:30 AM - Noon	Session 2: Oral Abstract Session Health Disparities and Social Determinants of Health <i>Ensemble ABCD</i> Moderators LaPrincess C. Brewer, MD, MPH, FACC, FACP, FASPC and Danielle M. Crookes, DrPH 10:30 AM 1 Association of Copayment Level and Glucagon-Like Peptide-1 Receptor Agonist and Sodium-Glucose Cotransporter 2 Inhibitor Adherence in Diabetes and Heart Failure Utibe R Essien , Balvinder Singh, Gretchen Swabe, Amber E Johnson, Univ of Pittsburgh Sch of Med, Pittsburgh, PA; Lauren Eberly, Hosp of the Univ of Pennsylvania, Philadelphia, PA; Rishi Wadhwa, Beth Israel Deaconess Medical Ctr, Boston, MA; Khadijah Breathett, Indiana Univ, Indianapolis, IN; Muthiah Vaduganathan, Brigham and Women's Hosp, Boston, MA; Jared W Magnani, Univ of Pittsburgh Sch of Med, Pittsburgh, PA 10:45 AM 2 Intergenerational Socioeconomic Mobility is Associated With Adulthood All-Cause Mortality in the Hispanic Community Health Study/Study of Latinos Adam M Whalen , Paola Filigrana, Albert Einstein Coll of Med, Bronx, NY; Krista M Perreira, Univ of North Carolina Sch of Med, Chapel Hill, NC; Linda C Gallo, San Diego State Univ, Chula Vista, CA; Robert Kaplan, Albert Einstein Coll of Med, Bronx, NY; Shakira F Suglia, Emory Univ, Atlanta, GA; Jianwen Cai, UNC Chapel Hill, Chapel Hill, NC; Maria M Llabre, Christina Cordero, Frank J Penedo, David J Lee, Univ of Miami, Miami, FL; Martha L Daviglius, Amber Pirzada, Univ of Illinois at Chicago, Chicago, IL; Margaret Pichardo, San Diego State Univ, Chula Vista, CA; Carmen R Isasi, Albert Einstein Coll of Med, Bronx, NY 11:00 AM 3 Partnering in Negating Statistics for Black Women: A Women's Community Wellness Initiative Timiya S. Nolan , Stephanie Ogonuwe, Songzhu Zhao, Amaris Williams, Sarah Addison, The Ohio State Univ, Columbus, OH; Faith Metlock, Johns Hopkins Univ, Baltimore, MD; Jing Zhang, Joshua J Joseph, The Ohio State Univ, Columbus, OH 11:15 AM 4 Neighborhood Social Vulnerability Associated With Increased Hypertension and Cardiovascular Disease in Port-au-Prince: Findings From the Haiti Cardiovascular Disease Cohort Study Nicholas Roberts , Weill Cornell Med, New York, NY; Vanessa Rouzier, GHESKIO, Port-au-Prince, Haiti; Lily D Yan, Myung Hee Lee, Weill Cornell Med, New York, NY; Rodney Sufra, Jean Pape, GHESKIO, Port-au-Prince, Haiti; Daniel Fitzgerald, Monika M Safford, Margaret McNairy, Weill Cornell Med, New York, NY 11:30 AM 5 Length of Time in the United States and Cardiometabolic Outcomes Among Foreign and US-Born Black Adults

	<p>Ifedioranma Anikpo, Leah Dodds, Robert A Mesa, Julien Tremblay, Lilliana Vilchez, Tali Elfassy, Univ of Miami, Miami, FL</p> <p>11:45 AM</p> <p>6 Discrimination Experiences and All-Cause and Cardiovascular Mortality: The Multi-Ethnic Study of Atherosclerosis</p> <p>Wayne R Lawrence, Gieira S Jones, Natl Cancer Inst, Bethesda, MD; Jarrett A Johnson, Koya P Ferrell, Jacquita N Johnson, Natl Inst on Minority Health and Health Disparities, Bethesda, MD; Meredith S Shiels, Natl Cancer Inst, Bethesda, MD; Ana V Diez Roux, DREXEL SCHOOL OF PUBLIC HEALTH, Philadelphia, PA; Allana T Forde, Natl Inst on Minority Health and Health Disparities, Bethesda, MD</p>
<p>Noon -1:30 PM</p>	<p>Lifestyle Council Annual Business Meeting and Networking Luncheon <i>Contemporary (ticketed event)</i></p> <p>Life's Essential 8: Key Research Questions and Next Steps for Early Career Investigators</p> <p>Moderators: Liliana Aguayo PhD, MPH, Assistant Professor, Emory University Katherine Collins PhD, Post Doctoral Associate, Duke University</p> <p>Panelists: LaPrincess C. Brewer, MD, MPH, FACC, FACP, FASPC Assistant Professor of Medicine, Mayo Clinic College of Medicine Norrina Allen, PhD, MPH, FAHA Associate Professor of Preventive Medicine (Epidemiology) and Pediatrics, Northwestern University Feinberg School of Medicine Cheryl Anderson PhD, MPH, MS, Dean, Herbert Wertheim School of Public Health & Human Longevity Science Hood Family Endowed Deans Chair in Public Health, UC San Diego Michael A. Grandner, PhD MTR DBSM, Associate Professor of Psychiatry, University of Arizona College of Medicine Donald M Llyod-Jones MD, ScM, FAHA, Professor of Preventive Medicine (Epidemiology), Medicine (Cardiology) and Pediatrics, Northwestern University Feinberg School of Medicine</p>
<p>1:30 - 3PM</p>	<p>Session 3: Oral Abstract Session Cardiometabolic Health and Disease <i>Ensemble ABCD</i></p>

1:00 – 5:00 PM
NHLBI Trainee Session on Cardiovascular Epidemiology, Biostatistics, and Prevention
Marquee
Schedule will be posted to the website

Moderators

Ryan Demmer, PhD, MPH, FAHA and Mary Rooney, PhD,
MPH

1:30 PM

7 **Cardiovascular Health and Environmental Justice Concerns of Exposure to Fine Particulate Matter: Insights From the Houston Methodist Outpatient Learning Health System Registry**
Nwabunie Nwana, Omar Mohamed Makram, Zulqarnain Javed, Tarang Parekh, Houston Methodist Res Inst, Houston, TX; Sadeer Al-Kindi, Univ Hosp, Cleveland, OH; Charlie Nicolas, Houston Methodist Res Inst, Houston, TX; Rakesh Gullapelli, Houston Methodist Res Inst, HOUSTON, TX; Stephen Jones, Khurram Nasir, Houston Methodist Res Inst, Houston, TX

1:45 PM

8 **Prevalence and Patterns of Cardiovascular Multimorbidity in Black and White Adults at Midlife: The Bogalusa Heart Study**
Shirine Moukaled, Ileana De Anda-Duran, Kaitlin Potts, Tulane Univ, New Orleans, LA; Camilo Fernandez Alonso, Tulane Univ Health Sciences Ctr, New Orleans, LA; Lydia A Bazzano, TULANE UNIVERSITY, New Orleans, LA

2:00 PM

9 **Trajectories of Insulin Resistance, Incident Heart Failure and All-Cause Death in Nondiabetics: The Atherosclerosis Risk in Communities Study**
Zailing Xing, Coll of Public Health, Univ of South Florida, Tampa, FL; Douglas D Schocken, Sch of Med, Duke Univ, Durham, NC; Janice Zgibor, Amy C Alman, Coll of Public Health, Univ of South Florida, Tampa, FL

2:15 PM

10 **Cumulative Ideal Cardiovascular Health During Young Adulthood and Premature Cardiovascular Events in Midlife**
Hokyou Lee, Hyeok-Hee Lee, Eunji Kim, Yonsei Univ Coll of Med, Seoul, Korea, Republic of; So Mi

	<p>Jemma Cho, Broad Inst of Harvard & MIT, Boston, MA; Hyeon Chang Kim, Yonsei Univ Coll of Med, Seoul, Korea, Republic of</p> <p>2:45 PM</p> <p>12 Associations Between Long-Term Body Mass Index Variability and Adverse Cardiovascular Outcomes: Million Veteran Program Study Zakaria Almuwaqqat, EMORY UNIVERSITY, Brookhaven, GA; Qin Hui, Emory Univ, Atlanta, GA; Jin Zhou, Univ of Arizona, Tucson, AZ; Benjamin F Voight, UNIVERSITY OF PENNSYLVANIA, Philadelphia, PA; Yuk-lam Ho, VA Boston Healthcare System, Boston, MA; Daniel Posner, Boston VA medical center, Santa Clara, CA; Jason Vassy, Boston VA Medical Ctr, Anytown, ME; Peter Wilson, Emory Univ, Atlanta, GA; Yan Sun, EMORY UNIVERSITY, Atlanta, GA</p>	
<p>3-3:30 PM</p>	<p style="text-align: center;">Coffee Break <i>Ensemble (pre function space)</i></p>	
<p>3:30 - 5PM</p>	<p style="text-align: center;">Session 4: Oral Abstract Session Maternal and Child Cardiometabolic Disease Prevention: Novel Risk Factors and Approaches <i>Ensemble ABCD</i></p> <p style="text-align: center;">Moderators Noel Mueller, PhD and Mara E. Murray Horwitz, MD, MPH</p> <p>3:30 PM</p> <p>13 Circadian Misalignment is Associated With Impaired Heart Rate Variability in Adolescents Natasha Morales-Ghinaglia, Penn State Coll of Med, Hershey, PA; Fan He, PENN STATE COLLEGE OF MEDICINE, Hershey, PA; Jason Liao, Susan Calhoun, Penn State Coll of Med, Hershey, PA; Alexandros Vgontzas, Penn State, Hershey, PA; Edward O Bixler, Penn State Univ, Hershey, PA; Duanping Liao, Julio Fernandez-Mendoza, PENN STATE COLLEGE OF MEDICINE, Hershey, PA</p> <p>3:45 PM</p>	

14 **Infant Gut Microbiome is Associated With Child Blood Pressure at Age 3 and 6 Years: Findings From a Danish Birth Cohort**
Tiange Liu, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Jakob Stokholm, Univ of Copenhagen, Frederiksberg, Denmark; Ni Zhao, Noel T Mueller, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD

4:00 PM

15 **Pre-Pregnancy Healthy Lifestyle is Associated With Lower Risk of Adverse Pregnancy Outcomes: A Prospective Cohort Study**
Siwen Wang, Eduardo Ortiz-Panozo, Andrea Florio, Makiko Mitsunami, Harvard Sch of Public Health, Boston, MA; Joann E Manson, Janet Rich-edwards, Brigham and Women's Hosp, Boston, MA; Jorge Chavarro, Harvard Sch of Public Health, Boston, MA

4:15 PM

16 **Maternal Coronary Heart Disease and Mortality Within 5 Years of Delivery Among Women With Hypertensive Disorders of Pregnancy and/or Diabetes**
Emily Ash, Dulaney A Wilson, Daniel T Lackland, Medical Univ of South Carolina, Charleston, SC; Julio Mateus, Atrium Health, Charlotte, NC; Tanya N Turan, Kelly J Hunt, Angela M Malek, Medical Univ of South Carolina, Charleston, SC

4:30 PM

17 **Using Mobile Phone Location Data to Estimate the Association of Daytime Racial and Economic Segregation With Hypertensive Disorders of Pregnancy in Metro Atlanta**
Katherine Campbell, Meredith Dixon, Courtney Victor, Michael Kramer, Emory Univ, Atlanta, GA

4:45 PM

18 **Impact of Preeclampsia on Cardiovascular Risk Factors in Mothers and Newborns**
Sofie Taageby Nielsen, Jesper Qvist Thomassen, Copenhagen Univ Hosp, Copenhagen, Denmark; Pia R Kamstrup, Borge G Nordestgaard, Anne-Sophie Sillesen, Copenhagen Univ Hosp, Herlev, Denmark; Anne Tybjaerg-Hansen, Henning Bundgaard,

	Copenhagen Univ Hosp, Copenhagen, Denmark; Kasper Iversen, Copenhagen Univ Hosp, Herlev, Denmark; Ruth Frikke-Schmidt, Copenhagen Univ Hosp, Copenhagen, Denmark	
5-7 PM	Poster Session 2 For a full list of poster presentations, please see the EPI/Lifestyle Posters on the programming page <i>Ensemble EFG</i>	
7-8:30 PM	EPI Hearts Diversity Reception <i>Level 3 Pre-Function Area</i>	
THURSDAY MARCH 2		
7:00 AM – 6:00 PM	Speaker Ready Room <i>Audition</i>	
7:00 AM – 6:00 PM	Registration <i>Ensemble (pre function space)</i>	
7:00 AM – 5:00 PM	Exhibits <i>Ensemble (pre function space)</i>	
7:00 AM – 10:00 PM	Childcare <i>Impressionism</i>	
7:30 – 8:30 AM	Coffee <i>Ensemble (pre function space)</i> (Breakfast on your own)	
7-8:30 AM	3-Minute Rapid Fire Oral Abstract Competition <i>Marquee</i>	
8:30 -10AM	<p style="text-align: center;">Concurrent 5A 8:30 - 9:00 AM The David Kritchevsky Memorial Lecture <i>Ensemble ABCD</i></p> <p style="text-align: center;">Implementation Science as a Pathway to Equity- Competent Obesity Solutions Shiriki Kumanyika, PhD, MPH</p> <p style="text-align: center;">9:00 - 10:00 AM Oral Abstract Presentations Nutrition <i>Ensemble ABCD</i></p>	<p style="text-align: center;">Concurrent 5B Oral Abstract Session Mixing up the 'omics <i>Marquee</i></p> <p style="text-align: center;">Moderators: Laura Raffield, PhD and Yan Sun, PhD, FAHA</p> <p>8:30 AM 23 Genome Wide Association Study and Multi- Ancestry Meta-Analysis Identify Common Variants Associated With Carotid Artery Intima Media Thickness</p>

	<p style="text-align: center;">Moderators</p> <p>Colleen Spees, PhD, MEd, RD, FAND and Katie Meyer, ScD, MPH</p> <p>9:00 AM</p> <p>19 Ultra-Processed Foods and Kidney Disease Progression, Mortality, and Cardiovascular Disease Risk in the CRIC Study Valerie K Sullivan, Johns Hopkins Univ, Baltimore, MD; Lawrence Appel, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Cheryl Anderson, Univ of California San Diego, La Jolla, CA; Hyunju Kim, Johns Hopkins Univ, Baltimore, MD; Mark L Unruh, Univ of New Mexico, Albuquerque, NM; James P Lash, Univ of Illinois at Chicago, Chicago, IL; Marsha Trego, Univ of Pennsylvania, Philadelphia, PA; James H Sondheimer, Wayne State U. Sch of Med, Detroit, MI; Mirela A Dobre, Nishigandha Pradhan, Univ Hosp Cleveland Medical Ctr, Cleveland, OH; Panduranga Rao, Ilka Decker, Univ of Michigan, Ann Arbor, MI; Jing Chen, Tulane Sch of Med, New Orleans, LA; Jiang He, Tulane Univ, New Orleans, LA; Casey M Rebholz, Johns Hopkins Univ, Baltimore, MD</p> <p>9:15 AM</p> <p>20 Effect of Dietary Sodium Reduction in Chronic Kidney Disease Patients With Albuminuria: Results of a Randomized Trial Katherine T Mills, Jing Chen, Bernadette Nguyen, Hua He, Kirsten S. Dorans, Tulane Univ, New Orleans, LA; Gabriel I Uwaifo, Ochsner Health System, Jefferson, LA; Damodar Kumbala, Our Lady of the Lake Regional Medical Ctr, Baton Rouge, LA; Lawrence J Appel, Johns Hopkins Univ, Baltimore, MD; Paul K Whelton, Jiang He, Tulane Univ, New Orleans, LA</p> <p>9:30 AM</p> <p>21 Ultra-Processed Food Consumption is Associated With Higher Coronary Heart Disease Risk in United States Women From Two Large Prospective Cohorts</p>	<p>Abbas Dehghan, Jian Huang, Imperial Coll London, London, United Kingdom; Natalie Hesbani, The Univ of Texas Health Science Ctr at Houston,, Houston, TX; Palwende Romuald, Inst de Recherche en Sciences de la Santé, Ouagadougou, Burkina Faso; Marjan Zare, Shiraz Univ of Medical Sciences, Shiraz, Iran, Islamic Republic of; NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium; The CHARGE Consortium; Nora Franceschini, Univ of North Carolina, Chapel Hill, NC; Paul de Vries, The Univ of Texas Health Science Ctr at Houston, Houston, TX; Ioanna Tzoulaki, IMPERIAL COLLEGE LONDON, London, United Kingdom; Devendra Meena, Imperial Coll London, London, United Kingdom</p> <p>8:45 AM</p> <p>24 Association of the Gut Microbiome With Kidney Function and Damage in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL) Brandilyn A Peters, Albert Einstein Coll of Med, Bronx, NY; Qibin Qi, ALBERT EINSTEIN COLLEGE OF MEDICINE, Bronx, NY; Mykhaylo Usyk, Albert Einstein Coll of Med, Bronx, NY; Martha L Daviglius, UNIVERSITY ILLINOIS CHICAGO, Chicago, IL; Jianwen Cai, UNC Chapel Hill, Chapel Hill, NC; Nora Franceschini, UNIVERSITY NORTH CAROLINA, Chapel Hill, NC; James P Lash, Univ of Illinois Chicago, Chicago, IL; Marc D Gellman, Univ of Miami, Miami, FL; Bing Yu, UNIV OF TX HEALTH SCI CTR HOUSTON, Houston, TX; Eric Boerwinkle, UTHealth, Houston, TX; Rob Knight, Univ of California San Diego, San Diego, CA; Robert D Burk, Albert Einstein Coll of Med, Bronx, NY; Robert C Kaplan, Albert Einstein Coll of Med, bronx, NY</p> <p>9:00 AM</p> <p>25 Long-Term Trends of BMI During Childhood and Adolescence Modify the Association of</p>
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	<p>Kenny Mendoza, Dept of Nutrition, Harvard T.H. Chan Sch of Public Health, Boston, MA; Stephanie A. Smith-Warner, Depts of Nutrition and Epidemiology, Harvard T.H. Chan Sch of Public Health, Boston, MA; Sinara L. Rossato, Dept of Nutrition, Harvard T.H. Chan Sch of Public Health, Boston, MA; Neha Khandpur, Dept of Nutrition, Sch of Public Health, Univ of Sao Paulo, Sao Paulo, Brazil; Joann E. Manson, Brigham and Women's Hosp, Boston, MA; Lu Qi, Tulane Univ, New Orleans, LA; Eric B. Rimm, Depts of Epidemiology and Nutrition, Harvard T.H. Chan Sch of Public Health, Boston, MA; Kenneth J. Mukamal, Beth Israel Deaconess Medical Ctr, Boston, MA; Walter C. Willett, Depts of Nutrition and Epidemiology, Harvard T.H. Chan Sch of Public Health, Boston, MA; Molin Wang, Depts of Epidemiology and Biostatistics, Harvard T.H. Chan Sch of Public Health, Boston, MA; Frank B. Hu, Depts of Nutrition and Epidemiology, Harvard T.H. Chan Sch of Public Health, Boston, MA; Josiemer Mattei, Dept of Nutrition, Harvard T.H. Chan Sch of Public Health, Boston, MA; Qi Sun, Depts of Nutrition and Epidemiology, Harvard T.H. Chan Sch of Public Health, Boston, MA</p> <p>9:45 AM 22 The Effects of Randomized Cocoa Extract and Multivitamins on the Gut Microbiome: A Pilot Study in COSMOS Yanbin Dong, GEORGIA REGENTS UNIVERSITY, Augusta, GA; Jun Li, Brigham and Women's Hosp, Boston, MA; Haidong Zhu, Li Chen, Augusta Univ, Augusta, GA; Kyu H Lee, Harvard T.H. Chan Sch of Public Health, Boston, MA; Joann E Manson, Howard D Sesso, Brigham and Women's Hosp, Boston, MA</p>	<p>DNA Methylation Change at TXNIP With Glucose Change During Midlife Hao Ma, Tulane university, metairie, LA; Xuan Wang, Xiang Li, Tulane Univ, New Orleans, LA; Yoriko Heianza, Lydia A Bazzano, TULANE UNIVERSITY, New Orleans, LA; Jiang He, Tulane Univ, New Orleans, LA; Wei Chen, Tulane Univ, Houston, TX; Lu Qi, TULANE UNIVERSITY, New Orleans, LA</p> <p>9:15 AM 26 Plasma Metabolomic Profile of Adiposity in Childhood: Gen3G Study Zhila Semnani-Azad, Harvard Sch of Public Health, Boston, MA; Patrice Perron, UNIVERSITÉ DE SHERBROOKE, Sherbrooke, QC, Canada; Luigi Bouchard, Univ de Sherbrooke, Chicoutimi, QC, Canada; Marie-France Hivert, HARVARD MEDICAL SCHOOL, Boston, MA</p> <p>9:30 AM 27 Genetic Risk of Blood Pressure on Antihypertensive Efficacy and Apparent Treatment Resistant Hypertension in Participants of the Genetics of Hypertension Associated Treatments (GenHAT) Study Nicole D Armstrong, Vinodh Srinivasasainagendra, Vibhu Parcha, Akhil Pampana, Nita Limdi, Hemant K Tiwari, Univ of Alabama at Birmingham, Birmingham, AL; Donna K Arnett, Univ of South Carolina, West Columbia, SC; Pankaj Arora, Marguerite M Irvin, Univ of Alabama at Birmingham, Birmingham, AL</p> <p>9:45 AM 28 Proteomic Signatures of Adiposity in Middle-Aged Adults: The Atherosclerosis Risk in Communities (ARIC) Study Bige Ozkan, Ebenezer Kobbie Aryee, Jingsha Chen, Justin B Echouffo Tcheugui, Kuni Matsushita, Johns Hopkins Univ, Baltimore, MD; Kari E North, UNC Chapel Hill, Chapel Hill, NC; Christie M Ballantyne, Baylor Coll of Med,</p>
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		Houston, TX; Bing Yu, Univ. of Texas Health Sciences Ctr Houston, Houston, TX; Amil M Shah, Brigham and Women's Hosp, Boston, MA; Elizabeth Selvin, Josef Coresh, Chiadi E Ndumele, Johns Hopkins Univ, Baltimore, MD
10-10:30 AM	<p style="text-align: center;">Networking Roundtable Session <i>Contemporary</i></p> <p style="text-align: center;">Meet the Kritchevsky Lecturer Shiriki Kumanyika, PhD, MPH</p> <p style="text-align: center;">Sleep Marie-Pierre St-Onge, PhD, CCSH, FAHA</p> <p style="text-align: center;">Pregnancy/Maternal Health Erin D. Michos, MD, MHS, FAHA, FACC, FASE, FASPC</p> <p style="text-align: center;">Health Equity Research Network Paul Muntner, PhD and Olugbenga G. Ogedegbe, MD, MPH</p> <p style="text-align: center;">Microbiome Noel Mueller, PhD</p>	
10-10:30 AM	Coffee Break	
10:30 AM - Noon	<p style="text-align: center;">Concurrent 6A AHA Guidelines and Statements <i>Ensemble ABCD</i></p> <p style="text-align: center;">Moderators: Monica Serra, PhD and Katherine Collins, PhD</p> <p style="text-align: center;">American Heart Association Heart Disease and Stroke Statistics Update Seth S Martin, MD</p> <p style="text-align: center;">Health Equity Research Network on the Prevention of Hypertension Gbenga Ogedegbe, MD</p> <p style="text-align: center;">Life's Essential 8: The AHA Statement: Sleep as a Component of Heart Health</p>	<p style="text-align: center;">Concurrent 6B Oral Abstract Session Physical Activity, Sedentary Behaviors, and Sleep <i>Marquee</i></p> <p style="text-align: center;">Moderators: Bethany Barone Gibbs, PhD, FAHA and Damon L. Swift, PhD, FAHA</p> <p>10:30 AM 29 Change in Healthy Sleep Score and Incident Cardiovascular Disease: A Combined Analysis of Two Independent Community-Based Cohorts Aboubakari Nambiema, Quentin Lisan, Univ Paris Cité, INSERM U970, Integrative Epidemiology of Cardiovascular Disease, Paris,</p>

Michael Grandner, PhD MTR DBSM

Leveraging Implementation Science for Cardiovascular Health Equity

Nathalie Moise, MD, MS, FAHA

Optimizing Pre-Pregnancy Cardiovascular Health to Improve Outcomes in Pregnant and Postpartum Individuals and Offspring: A Scientific Statement from the American Heart Association

Sadiya Khan, MD

France; Julien Vaucher, Dept of Med, Internal Med, Lausanne Univ Hosp and Univ of Lausanne, Lausanne, Switzerland; Marie-Cécile Perier, Univ Paris Cité, INSERM U970, Integrative Epidemiology of Cardiovascular Disease, PARIS, France; Pierre Boutouyrie, Univ Paris Cité, INSERM U970, Cellular, molecular and pathophysiological mechanisms of heart failure, Paris, France; Preventive and Clinical Investigation Ctr (IPC), Paris, France; Nicolas Danchin, Frederique Thomas, Preventive and Clinical Investigation Ctr (IPC), Paris, France; Catherine Guibout, Univ Paris Cité, INSERM U970, Integrative Epidemiology of Cardiovascular Disease, Paris, France; Geoffroy Solelhac, Raphael Heinzer, Ctr for Investigation and Res in Sleep, Lausanne Univ Hosp and Univ of Lausanne, Lausanne, Switzerland; Xavier Jouven, Univ Paris Cité, INSERM U970, Integrative Epidemiology of Cardiovascular Disease, Paris, France; Pedro Marques-Vidal, Dept of Med, Internal Med, Lausanne Univ Hosp (CHUV) and Univ of Lausanne, Lausanne, Switzerland; Jean-Philippe Empana, Univ Paris Cité, INSERM U970, Integrative Epidemiology of Cardiovascular Disease, Paris, France

10:45 AM

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Associations of Accelerometer-Measured Machine-Learning Classified Sitting With All-Cause and Cardiovascular Disease Mortality Among Older Women: The Opach Study

Steve Nguyen, John Bellettiere, UC San Diego, La Jolla, CA; Chongzhi Di, Fred Hutchinson Cancer Ctr, Seattle, CA; Blake Anuskiewicz, Loki Natarajan, UC San Diego, La Jolla, CA; Michael J Lamonte, Univ at Buffalo - SUNY, Buffalo, NY; Andrea Z LaCroix, UC San Diego, La Jolla, CA

11:00 AM

31

Associations Between Cardiorespiratory Fitness (CRF) in Early Adulthood, Retention Through Midlife, and Heart Failure (HF) Stages: Findings From Coronary Artery Risk

Development in Young Adults (CARDIA) Study

Neela Thangada, Northwestern Feinberg SOM, Chicago, IL; Sam Gidding, Geisinger, Bridgewater Corners, VT; Laura A Colangelo, Northwestern Univ, Chicago, IL; Bjoern Hornikel, Univ of Alabama Birmingham, Birmingham, AL; Sadiya Khan, Northwestern Univ Feinberg Sch of Med, Chicago, IL; Ambarish Pandey, UTSW MEDICAL CENTER, Dallas, TX; Norrina B Allen, NORTHWESTERN UNIVERSITY, Chicago, IL; Stephen Sidney, KAISER PERMANENTE NORTHERN CAL, Oakland, CA; Mercedes R Carnethon, NORTHWESTERN UNIVERSITY, Chicago, IL; Cora E Lewis, Univeristy of Alabama at Birmingham, Birmingham, AL; Donald Lloyd-Jones, Northwestern Univ Feinberg Sch of Med, Chicago, IL; Kelley P Gabriel, UAB Sch of Public Health, Birmingham, AL

11:15 AM

32 **Physical Activity Fragmentation and Mortality in Hispanics/Latinos: The Hispanic Community Health Study / Study of Latinos (HCHS/SoL)**

Mauro F F Mediano, Oswaldo Cruz Fndn, Rio de Janeiro, Brazil; Yejin Mok, Johns Hopkins Univ, Baltimore, MD; Shoshana Ballew, JOHNS HOPKINS BLOOMBERG, Baltimore, MD; Franklyn Gonzalez II, UNC Chapel Hill, Chapel Hill, NC; Daniela Sotres-Alvarez, UNC Chapel Hill, CHAPEL HILL, NC; Yasmin Mossavar-Rahmani, Robert Kaplan, Albert Einstein Coll of Med, Bronx, NY; Jordan A Carlson, Children's Mercy Hosp, Kansas City, MO; Sarah Alver, Fred Hutchinson Cancer Ctr, Seattle, WA; Martha L Daviglius, UNIVERSITY ILLINOIS CHICAGO, Chicago, IL; Olga Garcia-Bedoya, Univ of Illinois at Chicago, Chicago, IL; Kelly R Evenson, UNC Dept of Epidemiology, Chapel Hill, NC; Jennifer Schrack, Johns Hopkins Univ, Baltimore, MD;

		<p>Kunihiro Matsushita, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD</p> <p>11:30 AM 33 Using the AHA's Life Essential 8 Criteria to Assess Sleep Duration and Its Association With Social Determinants of Health in U.S. Children Minkyong Song, Nathan F Dieckmann, Oregon Health & Science Univ, Portland, OR; Carol M Musil, Case Western Reserve Univ, Cleveland, OH; Laura L Hayman, Univ of Massachusetts Boston, Boston, MA</p> <p>11:45 AM 34 A Quarter of a Mile More Steps Are Incrementally Associated With Lower Risk of Proximal CVD Events Among Older Adults: Atherosclerosis Risk in Communities (ARIC) Study Erin E. Dooley, Univ of Alabama at Birmingham, Birmingham, AL; Brady Rippon, Weill Cornell Med, New York, NY; Pablo Martinez-Amezcu, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Amanda E Paluch, Univ of Massachusetts Amherst, Amherst, MA; Lisa Pompeii, Baylor Coll of Med, Houston, TX; Priya Palta, Univ of North Carolina Sch of Med, Chapel Hill, NC; Kelley Pettee Gabriel, Univ of Alabama at Birmingham, Birmingham, AL</p>
<p>Noon -1:30 PM</p>	<p align="center">Council on Epidemiology and Prevention Annual Business Meeting and Networking Luncheon <i>Contemporary</i> <i>(Ticketed Event)</i></p> <p align="center">Taking the Next Step for Healthy Hearts: Advancing Cardiovascular Health Equity Research to Action</p> <p align="center">Moderator: Madison N. LeCroy, PhD, Assistant Professor, NYU Grossman School of Medicine</p> <p align="center">Panelists: Ann Marie Navar, MD, PhD, Associate Professor of Medicine, UT Southwestern Utibe R. Essien, MD, MPH, Assistant Professor of Medicine, UCLA Chiadi E. Ndumele, MD, PhD, MHS, Associate Professor of Medicine, Johns Hopkins University Joshua J. Joseph, MD, MPH, FAHA, Assistant Professor of Medicine, The Ohio State University Wexner Medical Center</p>	

	<p style="text-align: center;">Session 7 The Jeremiah and Rose Stamler Research Award Finalist Presentations <i>Ensemble ABCD</i></p> <p style="text-align: center;">Moderators: Donald M. Lloyd-Jones, MD, ScM, FAHA and Mercedes Carnethon, PhD, FAHA</p> <p>1:30 PM</p> <p>35 Adherence to Life’s Essential 8, Genetic Susceptibility, and Incident Cardiovascular Disease: A Prospective Study of 137,794 UK Biobank Participants Xiang Li, Qiaochu Xue, Tulane Univ, New Orleans, LA; Hao Ma, Tulane university, New Orleans, LA; Han Feng, Tulane Univ, New Orleans, LA; Xuan Wang, Tulane Univ Sch of Public Health and Tropical Med, New Orleans, LA; Yoriko Heianza, Lu Qi, TULANE UNIVERSITY, New Orleans, LA</p> <p>1:45 PM</p> <p>36 Life’s Essential 8 and Life Expectancy Among Adults in the United States Hao Ma, Tulane university, metairie, LA; Xuan Wang, Qiaochu Xue, Xiang Li, Tulane Univ, New Orleans, LA; Zhaoxia Liang, Zhejiang Univ Sch of Med, HangZhou, China; Yoriko Heianza, TULANE UNIVERSITY, New Orleans, LA; Oscar Franco, 3. Julius Ctr for Health Sciences and Primary Care, Univ Medical Ctr Utrecht, Utrecht Univ, Utrecht, Netherlands Antilles; Lu Qi, TULANE UNIVERSITY, New Orleans, LA</p> <p>1:30 - 3PM</p> <p>2:00 PM</p> <p>37 Proteomic Signatures of Obesity-Related Heart Failure in the Atherosclerosis Risk in Communities (ARIC) Study Bige Ozkan, Jingsha Chen, Justin B Echouffo Tcheugui, Pascal Schlosser, Johns Hopkins Univ, Baltimore, MD; Kari E North, UNC Chapel Hill, Chapel Hill, NC; Kuni Matsushita, Johns Hopkins Univ, Baltimore, MD; Christie M Ballantyne, Baylor Coll of Med, Houston, TX; Bing Yu, Univ of Texas Health Science Ctr Houston, Houston, TX; Amil M Shah, Brigham and Women's Hosp, Boston, MA; Elizabeth Selvin, Josef Coresh, Chiadi E Ndumele, Johns Hopkins Univ, Baltimore, MD</p> <p>2:15 PM</p> <p>38 A Novel Two-Question Antihypertensive Medication Adherence Scale Predicts Blood Pressure Control and Cardiovascular Disease Outcomes Farah Allouch, Erin Peacock, Katherine T Mills, Paul K Whelton, Jing Chen, Jiang He, Tulane Univ, New Orleans, LA</p> <p>2:30 PM</p> <p>39 Association of Cardiovascular Health With Time Lived Free of Coronary Artery Calcium Nilay S Shah, Xiaoning Huang, Natalie Cameron, Lucia Petito, Northwestern Univ, Chicago, IL; Norrina B Allen, Mercedes R Carnethon, NORTHWESTERN UNIVERSITY, Chicago, IL; Philip Greenland, FEINBERG SCH OF MEDICINE, Chicago, IL; Donald Lloyd-Jones, Northwestern Univ, Chicago, IL; Sadiya S Khan, Northwestern Univ, Oak Park, IL</p>
3-3:30 PM	Coffee Break
3:30 - 5pm	<p style="text-align: center;">Session 8 American Society for Preventive Cardiology Annual Debate: Lp(a): Is Universal Screening Ready for Prime Time? <i>Ensemble ABCD</i></p>

	<p style="text-align: center;">Moderator Erin D. Michos, MD, MHS, FAHA, FACC, FASE, FASPC</p> <p style="text-align: center;">Pro: Lp(a): Universal Screening is Necessary Now Allan D. Sniderman, MD</p> <p style="text-align: center;">Con: Universal Screening of Lp(a) is Not Ready for Prime Time Ann Marie Navar MD, PhD</p>	
5-7 PM	<p style="text-align: center;">Poster Session 3 For a full list of poster presentations, please see the EPI/Lifestyle Posters on the programming page <i>Ensemble EFG</i></p>	
7:00 PM	<p style="text-align: center;">Joint Council Dinner <i>Ensemble ABCD</i> (Ticketed Event)</p>	
FRIDAY, MARCH 3		
7:00 AM – 3:00 PM	<p style="text-align: center;">Speaker Ready Room <i>Audition</i></p>	
7:00 AM – 3:00 PM	<p style="text-align: center;">Registration <i>Ensemble (pre function space)</i></p>	
7:00 AM – 3:15 PM	<p style="text-align: center;">Childcare <i>Impressionism</i></p>	
7:00 – 8:30 AM	<p style="text-align: center;">Coffee Breakfast on your own</p>	
7:15- 8:15 AM	<p style="text-align: center;">Inside the AHA’s Research Enterprise: Grant Funding and Other Opportunities Glenn H. Dillon, PhD, VP of Research Operations, AHA <i>Marquee</i></p>	
8:30- 10 AM	<p style="text-align: center;">Session 9A 8:30 - 9:00 AM Frederick H. Epstein Memorial Lecture <i>Ensemble ABCD</i></p> <p style="text-align: center;">Re-imagining Prevention, Aspiring to Global Health Equity in a Post-Covid-19 World Sandro Galea, MD, DrPH</p>	<p style="text-align: center;">Session 9B Oral Abstract Session Ageing/Brain Health <i>Marquee</i></p> <p style="text-align: center;">Moderators: Raymond Jones, PhD and Priya Palta, PhD, MHSc</p> <p>8:30 AM</p>

9:00 - 10:00 AM
Oral Abstract Presentations
Cardiometabolic Risk Prediction
Ensemble ABCD

Moderators:

Ravi Shah MD FAHA and Faye Norby, PhD, MPH

9:00 AM

- 40 **Score Based on Immunoglobulin G N-glycans for Cardiovascular Risk Prediction: Secondary Analysis of Two Randomized Trials of Primary and Secondary Prevention**
Rosangela Hoshi, Brigham and Women's Hosp, Boston, MA; Branimir Plavša, Univ of Zagreb, Zagreb, Croatia; Yanyan Liu, Brigham and Women's Hosp, Boston, MA; Irena Trbojević-Akmačić, Genos Glycoscience Res Lab, Zagreb, Croatia; Robert Glynn, Brigham and Women's Hosp, Boston, MA; Paul M Ridker, BRIGHAM WOMENS HOSPITAL, Boston, MA; Richard Cummings, Beth Israel Deaconess Medical Ctr, Boston, MA; Gordan Lauc, Genos Glycoscience Res Lab, Zagreb, Croatia; Olga Demler, Brigham and Women's Hosp, Boston, MA; Samia Mora, BRIGHAM AND WOMENS HOSPITAL, Boston, MA

9:15 AM

- 41 **Comprehensive Plasma Metabolomic Risk Scores to Predict Incident Coronary Heart Disease Events**
Yoriko Heianza, Xuan Wang, Sch of Public Health and Tropical Med, Tulane Univ, New Orleans, LA; Saumya Tiwari, Univ of California San Diego, San Diego, CA; Jennifer Rood, Pennington Biomedical Res Cent, Baton Rouge, LA; Qi Sun, HARVARD SCHOOL OF PUBLIC HEALTH, Boston, MA; Kathryn M Rexrode, BRIGHAM AND WOMENS HOSPITAL, Boston, MA; Jeramie Watrous, Univ of California San Diego, La Jolla, CA; Mohit Jain, Univ. of California - San Diego, La Jolla, CA; George Bray, Pennington Biomedical Res Ctr, Baton Rouge, LA; Frank M Sacks, Harvard T.H. Chan Sch of Public

44

Plasma Sphingolipids in Relation to Cognitive Decline and Incident Dementia

Kristine F Moseholm, Univ of Copenhagen, Copenhagen K, Denmark; Héléne Cronje, Univ of Copenhagen, Copenhagen, Denmark; Annette L Fitzpatrick, Univ of Washington, Seattle, WA; Lewis H Kuller, UNIVERSITY OF PITTSBURGH, Pittsburgh, PA; Oscar L Lopez, Presbyterian Univ Hosp, Pittsburgh, PA; Marcia D Otto, UNIVERSITY TEXAS HEALTH SCIENCE, Houston, TX; W T Longstreth, Harborview Medical Ctr, Seattle, WA; Andy Hoofnagle, Univ of Washington, Seattle, WA; Ken J Mukamal, BETH ISRAEL DEACONESS MEDICAL CTR, Brookline, MA; Rozenn N Lemaitre, UNIV OF WASHINGTON, Seattle, WA; Majken K Jensen, Univ of Copenhagen, Copenhagen, Denmark

8:45 AM

- 45 **Life's Essential 8 and the Risk of Stroke in Finnish Men: The Kuopio Ischaemic Heart Disease Risk Factor Study**
Nzechukwu M. Isiozor, Inst of Clinical Med, Univ of Eastern Finland, Kuopio, Finland; Setor K. Kunutsor, Natl Inst for Health Res Bristol Biomedical Res Ctr, Univ Hosp Bristol and Weston NHS Fdn Trust and the Univ of Bristol, United Kingdom, United Kingdom; Ari Voutilainen, Jussi Kauhanen, Inst of Public Health and Clinical Nutrition, Univ of Eastern Finland, Kuopio, Finland; Xavier Jouven, INSERM U970 team 4, Paris, France; Bamba Gaye, INSERM U970, PARCC, Paris, France; Jari A Laukkanen, UNIVERSITY OF EASTERN FINLAND, Kuopio, Finland

9:00 AM

- 46 **MIND Diet-Related Transcriptomic Alterations in the Aging Human Brain is Associated With Lower Dementia Risk and Slower Cognitive Decline**
Jun Li, Brigham and Women's Hosp, Boston, MA; Ana Capuano, Puja Agarwal, Yanling Wang,

	<p>Health, Boston, MA; Joann E Manson, Brigham and Women's Hosp, Boston, MA; Lu Qi, TULANE UNIVERSITY, New Orleans, LA</p> <p>9:30 AM</p> <p>42 Artificial Intelligence Electrocardiogram to Detect Coronary Calcification and to Predict Atherosclerotic Cardiovascular Events in the Community Jose R Medina-Inojosa, MAYO CLINIC, Chicago, IL; Betsy J Medina-Inojosa, Zachy Attia, Michal Shelly, Abraham Baez Suarez, Mayo Clinic, Rochester, MN; Paul Friedman, MAYO CLINIC, Rochester, MN; Rickey Carter, Mayo Clinic, Jacksonville, FL; Francisco Lopez-Jimenez, MAYO CLINIC COLL MEDICINE, Rochester, MN</p> <p>9:45 AM</p> <p>43 Genetic, Sociodemographic, Lifestyle, and Clinical Risk Factors of Coronary Artery Disease Recurrent Events: Population-Based Cohort Study So Mi Jemma Cho, Satoshi Koyama, The Broad Inst, Inc, Cambridge, MA; Michael C Honigberg, Massachusetts General Hosp, Boston, MA; Ida Surakka, Univ of Michigan, Ann Arbor, MI; Aniruddh P Patel, Romit Bhattacharya, Massachusetts General Hosp, Boston, MA; Hokyoo Lee, Hyeon Chang Kim, Yonsei Univ Coll of Med, Seoul, Korea, Republic of; Pradeep Natarajan, Massachusetts General Hosp, Boston, MA</p>	<p>Rush Univ Medical Ctr, Chicago, IL; Philip De Jager, Columbia Univ Medical Ctr, New York City, NY; Zoe Arvanitakis, David Bennett, Rush Univ Medical Ctr, Chicago, IL; Liming Liang, Harvard T.H. Chan Sch of Public Health, Boston, MA; Francine Grodstein, Rush Univ Medical Ctr, Chicago, IL</p> <p>9:15 AM</p> <p>47 Mid-Life Vascular Risk and Rate of Physical Function Decline Among Older Adults: The Atherosclerosis Risk in Communities Study Laura Skow, Jennifer Schrack, Johns Hopkins Univ, Baltimore, MD; Josef Coresh, JOHNS HOPKINS SPH WELCH CENTER, Baltimore, MD; Jennifer A. Deal, Johns Hopkins Univ, Baltimore, MD; Rebecca F Gottesman, NINDS, Baltimore, MD; A Richey Sharrett Sr., JOHN HOPKINS UNIV, Baltimore, MD; Priya Palta, Columbia Univ Medical Ctr, New York, NY; Michael Griswold, MIND Ctr, Jackson, MS; Kevin Sullivan, Univ of Mississippi Medical Ctr, Jackson, MS; B Gwen Windham, UMMC, The MIND Ctr, Jackson, MS</p> <p>9:30 AM</p> <p>48 Associations of Diet and Physical Activity With Biological Aging Among US Adults: National Health and Nutrition Examination Survey 1999-2018 Aline Thomas, Dept of Neurology, Taub Inst for Res on Alzheimer's Disease and the Aging Brain, Columbia Univ, New York, NY; Daniel W Belsky, Dept of Epidemiology and Butler Columbia Aging Ctr, Joseph P. Mailman Sch of Public Health, Columbia Univ, New York, NY; Yian Gu, Dept of Neurology and Dept of Epidemiology, Taub Inst for Res on Alzheimer's Disease and the Aging Brain, Gertrude H. Sergievsky Ctr, Columbia Univ, New York, NY</p> <p>9:45 AM</p> <p>49 The Effects of Vitamin D Supplementation on Subclinical Cardiovascular Disease: Results From the Sturdy Trial</p>
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		<p>William Earle, Katharine Rainer, Beth Israel Deaconess Medical Ctr, Boston, MA; Lawrence J Appel, Edgar R Miller II, Erin D Michos, Jennifer Schrack, Amal Wanigatunga, Christine Mitchell, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Heather Rebeck, Robert H Christenson, Univ of Maryland Medical Sch, Baltimore, MD; Stephen P Juraschek, Beth Israel Deaconess Medical Ctr, Boston, MA</p>
10-10:30 AM	Coffee Break	
10:30 AM - Noon	<p>Session 10A 10:30 - 11:00 AM Integrated Cardiovascular Behavioral Medicine & Implementation Science <i>(Planned in collaboration with the Society for Behavioral Medicine)</i> <i>Ensemble ABCD</i> Moderators: Allison E. Gaffey, PhD and Laura L. Hayman, PhD, MSN, FAAN, FAHA, FPCNA</p> <p>Cardiovascular Behavioral Medicine: Opportunities for Science and Practice Alyssa Vela, PhD, LP, DipACLM</p> <p>Leveraging Implementation Science to Support Cardiovascular Behavioral Medicine Allison E. Gaffey, PhD</p> <p>11:00 AM- 12:00 PM Oral Abstract Presentations Health Behaviors <i>Ensemble ABCD</i></p> <p>11:00 AM 50 Breaking Up Prolonged Sitting to Improve Cardiometabolic Risk Factors in Middle-Aged and Older Adults: A Dose Response Analysis of a Randomized Cross-Over Trial Keith M Diaz, Andrea T Duran, Columbia Univ Medical Ctr, New York, NY; Ciaran P Friel,</p>	<p>Session 10B Oral Abstract Session Hypertension <i>Marquee</i></p> <p>Moderators: Lama Ghazi, MD PhD and Yvonne Commodore-Mensah, PhD, MHS, RN, FAHA</p> <p>10:30 AM 54 Newly Initiation of Antihypertensive Medication on Reduction of Incident Dementia: Emulation of Target Trials Based on the Health and Retirement Study Jingkai Wei, Univ of South Carolina, Columbia, SC; Hanzhang Xu, Duke Univ, Durham, NC; Donglan Zhang, NYU Long Island Sch of Med, Mineola, NY; Huilin Tang, Indian Univ, Indianapolis, IN; Tiansheng Wang, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Susan E Steck, Jiajia Zhang, Univ of South Carolina, Columbia, SC; Jasmin Divers, NYU Langone Health, Mineola, NY; Anwar T Merchant, Univ of South Carolina, Columbia, SC</p> <p>10:45 AM 55 Racial/Ethnic Disparities in Sleep Outcomes Among Adults With Hypertension in the 2011-2018 National Health and Nutrition Examination Survey Faith E Metlock, Thomas Hinneh, Oluwabunmi Ogungbe, Xiaoyue Liu, Sabrina de Souza Elias,</p>

	<p>Northwell Health, Manhasset, NY; Maria Serafini, Columbia Univ Medical Ctr, New York, NY; Ipek Ensari, Ying Kuen Cheung, Columbia Univ, New York, NY</p> <p>11:15 AM</p> <p>51 Better Sleep Health is Associated With Greater Adherence to Lifestyle Modification During a 12-month Behavioral Weight Loss Intervention Christopher E Kline, UNIVERSITY OF PITTSBURGH, Pittsburgh, PA; Christopher C Imes, Susan M Sereika, Daniel J. Buysse, Bonny Rockette-Wagner, Zhadyra Bizhanova, Lora E. Burke, Univ of Pittsburgh, Pittsburgh, PA</p> <p>11:30 AM</p> <p>52 Using Smartphone-Based Digital Phenotyping to Understand Lifestyle and Behavioral Risks of Cardiometabolic Diseases: The Beiwe Smartphone Sub-Study of Nurses' Health Study 3 and Growing Up Today Study LI YI, Harvard Sch of Public Health, Boston, MA; Jaime Elizabeth Hart, Brigham and Women's Hosp, Boston, MA; Grete Wilt, Cindy Hu, Harvard Sch of Public Health, Boston, MA; Francine Laden, Harvard Sch Of Public Health, Boston, MA; Jorge Chavarro, Harvard Sch of Public Health, Boston, MA; Peter James, Harvard Medical Sch, Boston, MA</p> <p>11:45 AM</p> <p>53 Real-Life Effects of Nudging and Pricing Strategies in the Supermarket to Promote Healthy Diets and Cardiometabolic Health: The Supreme Nudge Parallel Cluster-Randomized Controlled Trial Joreintje D. Mackenbach, Josine M. Stuber, Amsterdam UMC, location Vrije Univ, Amsterdam, Netherlands; Cédric N. Middel, Athena Inst, Vrije Univ, Amsterdam, Netherlands; Jeroen Lakerveld, Joline W. Beulens, Amsterdam UMC, location Vrije Univ, Amsterdam, Netherlands</p>	<p>Binu Koirala, Cheryl R Dennison Himmelfarb, Yvonne Commodore-Mensah, Johns Hopkins Sch of Nursing, Baltimore, MD</p> <p>11:00 AM</p> <p>56 DNA Methylation of Birthweight-Blood Pressure Genes and Changes of Blood Pressures in Response to Weight-Loss Diets Minghao Kou, Xiang Li, Xuan Wang, Tulane Univ, New Orleans, LA; Hao Ma, Yoriko Heianza, Tulane university, New Orleans, LA; George Bray, Pennington Res Inst, Baton Rouge, LA; Frank M Sacks, Harvard T.H. Chan Sch of Public Health, Concord, MA; Lu Qi, Tulane university, New Orleans, LA</p> <p>11:15 AM</p> <p>57 Distinct Gestational Blood Pressure Trajectories Predict Pregnancy, Birth, and Postpartum Health in a Low-Income Hispanic Population Zhongzheng Jason Niu, Tingyu Yang, Univ of Southern California, Los Angeles, CA; Fangqi Guo, UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES, CA; Brendan Grubbs, Sandrah P Eckel, Univ of Southern California, Los Angeles, CA; Claudia M Toledo-Corral, California State Univ, Northridge, Northridge, CA; Jill Johnston, Genevieve F Dunton, Univ of Southern California, Los Angeles, CA; Deborah Lerner, Nathana Lurvey, Eisner Health, Los Angeles, CA; Laila Al-Marayati, Rima Habre, Theresa Bastain, Univ of Southern California, Los Angeles, CA; Carrie V Breton, UNIVERSITY OF SOUTHERN CALIFORNIA, Los Angeles, CA; Shohreh Farzan, Univ of Southern California, Los Angeles, CA</p> <p>11:30 AM</p> <p>58 Timing of Outpatient Postpartum Care Utilization Among Women With Chronic Hypertension and Hypertensive Disorders of Pregnancy Jasmine K Aqua, Emory Univ, Atlanta, GA; Nicole D Ford, Elena V Kuklina, Donald K</p>
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		<p>Hayes, Adam S Vaughan, Fátima Coronado, Ctrs for Disease Control and Prevention, Atlanta, GA</p> <p>11:45 AM 59</p> <p>Social Determinants of Health and Incident Apparent Treatment Resistant Hypertension in a National Cohort of Black and White US Adults</p> <p>Oluwasegun P Akinyelure, Univ of Alabama at Birmingham, Birmingham, AL; Byron C Jaeger, Wake Forest Sch of Med, Winston Salem, NC; Suzanne Oparil, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL; April P Carson, UMMC, Jackson, MS; Monika M Safford, WEILL CORNELL MEDICINE, New York, NY; Lonnie Hannon III, Andrew M. Sims, George Howard, Univ of Alabama at Birmingham, Birmingham, AL; Paul Muntner, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL; Shakia T Hardy, Univ of Alabama at Birmingham, Birmingham, AL</p>
<p>Noon -12:30 PM</p>	<p style="text-align: center;">Networking Roundtable Session <i>Contemporary</i></p> <p style="text-align: center;">Meet the William Kannel Lecturer Lori Mosca, MD, MPH, PhD</p> <p style="text-align: center;">Vaping Andrew Stokes, PhD and Jessica Fetterman, PhD</p> <p style="text-align: center;">Integrated Cardiovascular Behavioral Medicine & Implementation Science Allison E. Gaffey, PhD, Laura L. Hayman, PhD, MSN, FAAN, FAHA, FPCNA and Matt Whited, PhD, FSBM</p> <p style="text-align: center;">Lifecourse Holly Gooding, MD, MSc and Norrina Allen, PhD, MPH, FAHA</p>	
<p>12:30- 1:30 PM</p>	<p style="text-align: center;">Lunch on your own</p>	
<p>1:30 - 3 PM</p>	<p style="text-align: center;">Session 11A 1:30 - 2:00 PM</p> <p style="text-align: center;">The William B Kannel, MD Memorial Lectureship in Preventive Cardiology</p>	<p style="text-align: center;">Session 11B Oral Abstracts</p> <p style="text-align: center;">Diabetes and Obesity <i>Marquee</i></p>

Ensemble ABCD

The Power of Patterns, Pioneers and Prevention

Lori Mosca, MD, MPH, PhD

2:00 - 3:00 PM

Oral Abstract Presentations

Preventive Cardiology

Ensemble ABCD

Moderators:

Norrina Allen, PhD, MPH, FAHA and Kirsten S. Dorans, ScD

2:00 PM

- 60 **Impact of a Multisite, Protocol-Driven, Nurse Practitioner-Led, Cardiovascular Prevention Program in a Hispanic Medicare Advantage Population at High Risk for ASCVD: Healthy Heart Program at Cano Health.**

Veronica McCloskey, Cano Health, Miami, FL; **Khurram Nasir**, Houston Methodist, Houston, TX; **Rohan Khera**, Yale Sch of Med, New Haven, CT; **Evangelos K Oikonomou**, Yale Univ, New Haven, CT; **Robert Diaz**, Robert Kenney, Richard Aguilar, Cano Health, Miami, FL; **Martha Gulati**, Cedars-Sinai, Los Angeles, CA; **Oscar H Cingolani**, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; **Ty J Gluckman**, Providence Heart Inst, Portland, OR; **Ron Blankstein**, Brigham and Women's Hosp, Boston, MA; **Marlow B Hernandez**, Juan Rivera, Cano Health, Miami, FL

2:15 PM

- 61 **Frequency of Pediatric Lipid Screening Using a Large National Electronic Health Record System**
Angela M Thompson-Paul, Emily Kraus, Renee M Porter, Samantha L Pierce, Lyudmyla Kompaniyets, Ahlia Sekkarie, Alyson B Goodman, Sandra L Jackson, Ctrs for Disease Control and Prevention (CDC), Atlanta, GA

2:30 PM

- 62 **Life's Essential 8 and Mortality Risk: Associations of an Enhanced Cardiovascular Health Construct**

Moderators:

Mike Bancks, PhD and Liliana Aguayo, PhD, MPH

1:30 PM

- 64 **Prenatal Per- and Polyfluoroalkyl Substance (PFAS) Exposures, Individually and as a Mixture, Are Associated With Obesity Risk at 16-20 Years in the Project Viva Prospective Cohort: Implications for PFAS as Hazardous Substances for Developmental Health**

Mingyu Zhang, Sheryl L Rifas-Shiman, Izzuddin Aris, Harvard Medical Sch and Harvard Pilgrim Health Care Inst, Boston, MA; **Abby Fleisch**, Maine Medical Ctr, Portland, ME; **Emily Oken**, Marie-France Hivert, Harvard Medical Sch and Harvard Pilgrim Health Care Inst, Boston, MA

1:45 PM

- 65 **DNA Methylation at *ABCG1* and Long-Term Changes in Adiposity in Response to Diet Interventions: The POUNDS Lost Trial**

Xiang Li, Tulane Univ, New Orleans, LA; **Xiaojian Shao**, Natl Res Council Canada, Ottawa, ON, Canada; **Qiaochu Xue**, Minghao Kou, Tulane Univ, New Orleans, LA; **Elin Grundberg**, Children's Mercy Kansas City, Kansas City, MO; **George A Bray**, Pennington Res Inst, Baton Rouge, LA; **Frank M Sacks**, Harvard Univ, Boston, MA; **Lu Qi**, TULANE UNIVERSITY, New Orleans, LA

2:00 PM

- 66 **Clonal Hematopoiesis of Indeterminate Potential and Incident Type 2 Diabetes Risk**

Deirdre K Tobias, Brigham and Womens and Harvard Med, Boston, MA; **Alisa Manning**, Massachusetts General Hosp, Boston, MA; **Jennifer Wessel**, IU Richard M. Fairbanks Sch of Public Health, Indianapolis, IN; **Sridharan Raghavan**, Univ of Colorado Denver, Denver, CO; **Kenneth Westerman**, Massachusetts General Hosp, Boston, MA; **Alexander G Bick**, Vanderbilt Univ Medical Cente, Nashville, TN; **Daniel**

With All-Cause, Cardiovascular, and Cancer Mortality in US Adults From the 2011-2018 National Health and Nutrition Examination Survey
Nour Makarem, Vanessa Dinh, Rahul Hosalli, COLUMBIA UNIVERSITY MEDICAL CENTER, New York, NY; Brooke A Aggarwal, Columbia Univ Medical Ctr, New York, NY; Charles A German, Univ of Chicago, Chicago, IL; Pricila Mullachery, Temple Univ, Philadelphia, PA

2:45 PM

63 **Life's Essential 8 and Life Expectancy Free of Cardiovascular Disease, Diabetes, Cancer, and Dementia in Adults**

Xuan Wang, Hao Ma, Xiang Li, Tulane Univ, New Orleans, LA; Yoriko Heianza, TULANE UNIVERSITY, New Orleans, LA; Joann E Manson, Brigham and Women's Hosp, Boston, MA; Oscar H Franco, Julius Ctr for Health Sciences and Primary Care, Univ Medical Ctr Utrecht, Utrecht, Netherlands; Lu Qi, TULANE UNIVERSITY, New Orleans, LA

Dicorpo, Boston Univ, Boston, MA; Eric A Whitsel, UNC - Chapel Hill, Chapel Hill, NC; Jason M Collins, Univ of North Carolina - CH, Chapel Hill, NC; Josee Dupuis, Boston Univ SPH, Boston, MA; Mark O Goodarzi, Cedars-Sinai Medical Ctr, West Hollywood, CA; Barbara V Howard, MEDSTAR HEALTH AND GEORGETOWN U, Bonita Spgs, FL; Leslie Lange, Univ of Colorado, Aurora, CO; Simin Liu, Brown Univ, Providence, RI; Laura M Raffield, UNC, Chapel Hill, NC; Alexander P Reiner, Univ of Washington, Seattle, WA; Stephen S Rich, UNIVERSITY VIRGINIA, Charlottesville, VA; Lesley Tinker, Women's Health Initiative, Seattle, WA; James Wilson, Beth Israel Deaconess Medical Cente, Boston, MA; April P Carson, UMMC, Jackson, MS; Ramachandran Vasam, FRAMINGHAM HEART STUDY, Boston, MA; Charles Kooperberg, Fred Hutch Cancer Res Ctr, Seattle, WA; Jerome I Rotter, The Lundquist Inst, Torrance, CA; James Meigs, Massachusetts General Hosp, Boston, MA; Joann E Manson, Brigham and Women's Hosp, Boston, MA

2:15 PM

67 **Obesity Paradox of Cardiovascular Mortality in Older Adults: National Health Interview Survey 1997-2018**

Yuling Chen, Johns Hopkins Univ, Baltimore, MD; Binu Koirala, Johns Hopkins Sch of Nursing, Baltimore, MD; Yvonne Commodore-Mensah, Cheryl R Dennison Himmelfarb, Johns Hopkins Univ, Sch of Nursing, Baltimore, MD; Wu Ying, Capital Medical Univ Sch of Nursing, Beijing, China

2:30 PM

68 **Interleukin-6, Diabetes and Metabolic Syndrome in a Biracial Cohort: The Reasons for Geographic and Racial Differences in Stroke (REGARDS)**

Brittney Palermo, The Larner Coll of Med at the Univ of Vermont, Burlington, VT; Katherine Wilkinson, The Larner Coll of Med at the Univ of

Vermont, Colchester, VT; Tim B Plante, Univ of Vermont, Colchester, VT; Charles D Nicoli, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Suzanne E Judd, Univ of Alabama at Birmingham, Birmingham, AL; Debora Kamin Mukaz, The Larner Coll of Med at the Univ of Vermont, Colchester, VT; Leann Long, Univ of Alabama at Birmingham, Birmingham, AL; Nels C Olson, Univ of Vermont, Colchester, VT; Mary Cushman, UNIVERSITY VERMONT, Colchester, VT

2:45 PM

69

Dietary Fiber, Gut Microbiota, Circulating Metabolomics, and Risk of Diabetes in US Hispanics/Latinos: The Hispanic Community Health Study/Study of Latinos (HCHS/SOL)
Zheng Wang, Jiaqian Xing, Brandilyn A Peters, Albert Einstein Coll of Med, Bronx, NY; Bing Yu, UNIV OF TX HEALTH SCI CTR HOUSTON, Houston, TX; Megan Grove, UTHealth, Houston, TX; Gang Hu, PENNINGTON BIOMED RESEARCH CENTER, Baton Rouge, LA; Tao Wang, Albert Einstein Coll of Med, Bronx, NY; Bharat Thyagarajan, Univ of Minnesota Medical Ctr, Minneapolis, MN; Martha L Daviglus, UNIVERSITY ILLINOIS CHICAGO, Chicago, IL; Eric Boerwinkle, UTHealth, Houston, TX; Daniela Sotres-Alvarez, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Rob Knight, UNIVERSITY OF CALIFORNIA SAN DIEGO, La Jolla, CA; Robert D Burk, Robert Kaplan, Qibin Qi, Albert Einstein Coll of Med, Bronx, NY