



# EPI|Lifestyle 2022

## EPI/Lifestyle Posters

*All poster sessions take place in Salon D*

TUESDAY, MARCH 1, 2022 5:00 – 7:00 PM		
<a href="#">Aging in Older Adults</a>	P1-4	P1 and P4 are eposters
<a href="#">Brain Health</a>	P6-13	
<a href="#">Cardiometabolic Risk Prediction</a>	P14-21	
<a href="#">Chronic Kidney</a>	P22-25	
<a href="#">Covid 19</a>	P26-28	
<a href="#">Hypertension 1</a>	P29-37	P037 is ePoster
<a href="#">Lipids &amp; Lipoproteins</a>	P38-42	
<a href="#">Mobile Health Technology and Wearables</a>	P43-50	
<a href="#">Nutrition and Diet 1</a>	P51-59	P52,P54, P57, P58 Are ePosters
<a href="#">Obesity and Adipose Tissue Distribution</a>	P60-65	P65 is ePoster
<a href="#">Physical Activity and Sedentary Behavior</a>	p66-77	
<a href="#">Physical Functioning and Quality of Life</a>	P78-81	
MODERATED POSTER SESSIONS 5:00 – 7:00 PM/Moderated portion begins at 5:30 PM		
<b><a href="#">MPS01.01</a></b> <b><a href="#">Social Determinants of Health and Disparities</a></b> <b>Moderator:</b> Tené T. Lewis, PhD	MP1-6	
<b><a href="#">MPS 01.02</a></b> <b><a href="#">Preventive Cardiology and Cardiovascular Outcomes</a></b> <b>Moderator:</b> Nilay S. Shah, MD, MPH	MP7-12	
<b><a href="#">MPS01.03</a></b> <b><a href="#">Population Genetics, Proteomics and Metabolomics</a></b> <b>Moderator:</b> Weihong Tang, MD, PhD, FAHA	MP13-18	
<b><a href="#">MPS01.04</a></b> <b><a href="#">Global Health</a></b> <b>Moderator:</b> TBD	MP19-24	
WEDNESDAY, MARCH 2, 2022, 5:00 – 7:00 PM		
<a href="#">Arrhythmia   Sudden Death</a>	P82-83	
<a href="#">Biomarkers</a>	P84-93	
<a href="#">Childhood and Youth</a>	P94-97	
<a href="#">Clinical Trials and Intervention Studies</a>	P98-100	
<a href="#">Global Health</a>	P101-104	
<a href="#">Health Services Research, Outcomes and Practice Improvement</a>	P105-108	

<a href="#">Hypertension 2</a>	P109-118	
<a href="#">Methodology</a>	P119-122	
<a href="#">Myocardial Infarction</a>	P123-127	
<a href="#">Peripheral Artery Disease and Venous Thrombosis</a>	P128-134	
<a href="#">Pharmacoepidemiology</a>	P135-136	
<a href="#">Pregnancy and Maternal and Fetal Health</a>	P137-143	
<a href="#">Promoting and Measuring Health Behaviors</a>	P144-148	
<a href="#">Subclinical Cardiovascular Disease</a>	P149-152	
<a href="#">Surveillance</a>	P153-155	P153 is ePoster
<b>MODERATED POSTER SESSIONS</b> <b>5:00 – 7:00 PM/Moderated portion begins at 5:30 PM</b>		
<a href="#">MPS01.05</a> <a href="#">Health Effects of Physical Activity and Sedentary Behavior</a> <b>Moderator:</b> Thomas W. Buford, PhD, FAHA	MP25-30	MP25 is ePoster and will not be included in moderated Q&A
<a href="#">MPS02.06</a> <a href="#">Nutrition and Diet</a> <b>Moderator:</b> Catherine M. Champagne, PhD, RDN, LDN, FAND, FTOS, FAHA	MP31-36	MP32 and, MP33 are eposters and will not be included in moderated Q&A
<a href="#">MPS02.07</a> <a href="#">Traditional Risk Factors in Cardiometabolic Disease</a> <b>Moderator:</b> Iva Miljkovic, MD, PhD, FAHA	MP37-42	
<a href="#">MPS02.08</a> <a href="#">Psychosocial</a> <b>Moderator:</b> Tiffany M Powell-Wiley MD, MPH, FAHA	MP43-48	
<b>MPS02.09</b> <b>NHBLI Moderated Poster Session</b> <i>For a listing of this session please see The National Heart, Lung, and Blood Institute Cardiovascular Epidemiology, Biostatistics, and Prevention Trainee Session schedule on the website</i>	MP49-MP54	
<b>THURSDAY, MARCH 3, 2022 5:00 – 7:00 PM</b>		
<a href="#">Diabetes</a>	P156-167	
<a href="#">Cardiometabolic Health and Disorders</a>	P168-P177	
<a href="#">Genetics</a>	p178-182	P178 can be found next to P229
<a href="#">Health Disparities</a>	P183-193	P185 is ePoster
<a href="#">Heart Failure</a>	P194-202	
<a href="#">Metabolomics and Proteomics</a>	P203-206	P203 is ePoster
<a href="#">Nutrition and Diet 2</a>	P207-214	
<a href="#">Preventive Cardiology</a>	P215-221	P218 and P221 are ePosters
<a href="#">Psychosocial Factors</a>	p222-228	
<a href="#">Social Determinants</a>	P229-236	P235 and P236 are ePosters
<a href="#">Stroke</a>	P237-239	P238 is ePoster

<b>MODERATED POSTER SESSIONS</b> <b>5:00 – 7:00 PM/Moderated portion begins at 5:30 PM</b>		
<b><u>MPS03.10</u></b> <b><u>Sleep Behavior and Sleep Disorders</u></b> <b>Moderator:</b> Julio Fernandez-Mendoza, PhD, DBSM	MP55-60	MP59 is an eposter and will not be included in moderated Q&A
<b><u>MPS03.11</u></b> <b><u>Aging and Brain Health</u></b> <b>Moderator:</b> Laure Rouch, PharmD, PhD, Associate Prof.	MP61-66	MP61 is an eposter and will not be included in moderated Q&A
<b><u>MPS03.12</u></b> <b><u>Maternal and Child Health</u></b> <b>Moderator:</b> Erin D. Michos, MD, MHS, FAHA	MP67-72	MP73 is an eposter and will not be included in moderated Q&A
<b><u>MPS03.13</u></b> <b><u>Novel Risk Factors for Cardiometabolic Disease</u></b> <b>Moderator:</b> Ying Zhang, MD, MS, PhD	MP73-78	MP78 is an eposter and will not be included in moderated Q&A

**NOTE: Please visit the [ePoster session](#) listed at the bottom of this document for a listing of all ePosters. Some presenters have chosen to have their poster printed and available for viewing in the poster hall. To see all uploaded Posters, please visit <https://epi.apprisor.org>**

## **Poster Session 1**

**Tuesday, March 1, 5:00 – 7:00 PM**

### **MODERATED POSTERS**

#### **MPS.01.01 Social Determinants of Health and Disparities**

**MP01 Disentangling The Relationship Between Genetic Predisposition And Social Environment In The Development Of Myocardial Infarction**  
Chenkai Wu, Duke Kunshan Univ, Kunshan, China; Chen Sheng, Fudan Univ, Shanghai, China

**MP02 Association Of Socioeconomic Status With Stroke In Non-elderly Adults**  
Ryan T. Nguyen, Safi U Khan, Javier Valero-Elizondo, Miguel Cainzos-Achirica, Khurram Nasir, Houston Methodist Hosp, Houston, TX

**MP03 Sleep And Economic Status Are Linked To Daily Life Stress In African-born Blacks Living In America**  
Zoe C Waldman, Blayne R Schenk, Arielle C Patterson, Annemarie Wentzel, Natl Insts of Health, Bethesda, MD; M. Grace Duhuze Karera, Univ of Global Health Equity, Kigali, Rwanda; Thomas Hormenu, Univ of Cape Coast, Cape Coast, Ghana; Lilian S Mabundo, Natl Insts of Health, Bethesda, MD; Christopher W DuBose, Natl Inst of Health, Bethesda, MD; Margrethe F Horlyck-Romanovsky, Brooklyn Coll, Brooklyn, NY; Peter L Whitesell, Howard Univ, Washington, DC; Anne E Sumner, Natl Insts of Health, Bethesda, MD

**MP04 Food Insecurity And Blood Pressure Control: The Coronary Artery Risk In Young Adults (cardia) Study**  
Sabira Taher, Northwestern Univ Feinberg, Chicago, IL; Mandy Wong, Northwestern Univ, Chicago, IL; Mercedes R Carnethon, Namratha Kandula, NORTHWESTERN UNIVERSITY, Chicago, IL; Catarina I Kiefe, UNIV OF MASSACHUSETTS MEDICAL SCHOO, Sterling, MA; Kiarri Kershaw, NORTHWESTERN UNIVERSITY, Chicago, IL

**MP05 The Impact Of Neighborhood Social Environment On Natural Killer Cells In A Community-based Cohort Of African American Women**

**Andrew S Baez**, NATIONAL INSTITUTES OF HEALTH, Silver Spring, MD; Yvonne Baumer, NIH, Bethesda, MD; Veronica Gray, NIH, Bethesda, MD, Bethesda, MD; Sam Neally, Cristhian Gutierrez-Huerta, NIH, Bethesda, MD, Bethesda, MD, Carrboro, NC; Briana Turner, Bethesda, MD; Valerie Mitchell, Bethesda, MD, Bethesda, MD; Billy Collins, Natl Insts of Health, Bethesda, MD; Tiffany M Powell-Wiley, NATIONAL INSTITUTES OF HEALTH, Silver Spring, MD

**MP06 Impact Of Social Determinants Of Health On Optimal Cardiovascular Health Among Asian American Subgroups**

**Austin Le**, Alicia Zhu, Yuemeng Li, Jaiveer Singh, Shozen Dan, Stanford Univ, Stanford, CA; Latha Palaniappan, STANFORD UNIVERSITY, Stanford, CA; Malathi Srinivasan, STANFORD UNIVERSITY, Stanford, CA, Stanford, CA; Tali Elfassy, UNIVERSITY OF MIAMI, Miami, FL; Javier Valero Elizondo, Houston Methodist DeBakey Heart and Vascular Ctr, Houston, TX; Eugene Yang, Univ of Washington, Seattle, WA

**MPS.01.02 Preventive Cardiology and Cardiovascular Outcomes**

**MP07 Are Gaps In Anticoagulation Due To Under-prescribing Or Prescriptions Not Being Filled: An Administrative Health Claims Analysis**

**Jingchuan Guo**, Univ of Florida, Gainesville, FL; Meiqi He, university of california san diego, san diego, CA; Nico Gabriel, Univ of California San Diego, San Diego, CA; Jared W Magnani, UNIVERSITY OF PITTSBURGH, Pittsburgh, PA; Stephen E KIMMEL, Univ of Florida, Gainesville, FL; Walid Gellad, Univ of Pittsburgh, Pittsburgh, PA; Inmaculada Hernandez, university of california san diego, san diego, CA

**MP08 Using Electronic Health Record Data To Link Families: The Pythonic Relationship Inference From The Electronic Health Record Algorithm**

**Amy E Krefman**, Northwestern Univ, Chicago, IL; Farhad Ghamsari, Tulane Univ, New Orleans, LA; Daniel R Turner, Northwestern Univ, Evanston, IL; Alice Lu, Martin Borsje, Northwestern Univ, Chicago, IL; Daniel Schneider, Northwestern, Chicago, IL; Colby Witherup Wood, Northwestern Univ, Evanston, IL; Faraz S Ahmad, NORTHWESTERN UNIV SCHOOL MEDICINE, Chicago, IL; Norrina Allen, NORTHWESTERN UNIVERSITY, Chicago, IL

**MP09 Partnering With Employers To Provide Worksite-based Health Assessments In Rural Communities**

**Ashley Burch**, Fernando Chivela, East Carolina Univ, Greenville, NC; Elisabeth Lee, EAST CAROLINA UNIVERSITY, Greenville, NC; Paul Shackelford, East Carolina Univ, Greenville, NC; Paul Bolin, ECU Sch of Med, Greenville, NC

MP10

**Risk Factors For Diabetic Foot Infection: The Atherosclerosis Risk In Communities (ARIC) Study**

**Michael Fang**, Johns Hopkins Univ, Baltimore, MD; Jiaqi Hu, Baltimore, MD; Kuni Matsushita, Elizabeth Selvin, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Caitlin W Hicks, Johns Hopkins Hosp, Baltimore, MD

**MP11 Impact Of Severe Acute Respiratory Syndrome Coronavirus 2 (sars-cov-2) Pandemic On Diabetes Care Among A North Carolina Patient Population**

**Michael P Bancks**, Meng-Yun Lin, Alain G Bertoni, Wendell Futrell, Zhixiu Liu, Brian Ostasiewski, Brian J Wells, Wake Forest Sch of Med, Winston Salem, NC; Amresh Hanchate, Wake Forest Sch of Med, Winston-Salem, NC

**MP12 Association Of Peripheral Neuropathy With Injurious Falls And Fractures In The Atherosclerosis Risk In Communities Study**

**Caitlin W Hicks**, Johns Hopkins Hosp, Baltimore, MD; Dan Wang, Baltimore, MD; Natalie R Daya, JOHN HOPKINS, Baltimore, MD; B Gwen Windham, UMMC, The MIND Ctr, Jackson, MS; Stephen P Juraschek, BIDMC-Harvard Medical Sch, Auburndale, MA; Kuni Matsushita, Elizabeth Selvin, JOHNS HOPKINS UNIVERSITY, Baltimore, MD

### **MPS.01.03      Population Genetics, Proteomics and Metabolomics**

- MP13 **Serum Metabolomic Signatures Of Plant-based Diets And Incident Chronic Kidney Disease**  
**Hyunju Kim**, Johns Hopkins Univ, Baltimore, MD; Bing Yu, UNIV OF TX HEALTH SCI CTR HOUSTON, Houston, TX; Xin Li, Johns Hopkins Univ, Baltimore, MD; Kari E Wong, Metabolon, Morrisville, NC; Eric Boerwinkle, UTHealth, Houston, TX; Sara B Seidelmann, Columbia Univ Coll of Physicians & Surgeons, New York, NY; Andrew S Levey, Eugene Park Rhee, Tuft New England Medical Ctr, Boston, MA; Josef Coresh, JOHNS HOPKINS SPH WELCH CENTER, Baltimore, MD; Casey M Rebholz, JOHNS HOPKINS UNIVERSITY, Baltimore, MD
- MP14 ***In Utero* Exposure To Metals And Trace Elements affects Cord Blood Metabolome Profile: Findings From An Urban Minority Birth Cohort In The United States**  
**Mingyu Zhang**, Jessie Buckley, Johns Hopkins Univ, Baltimore, MD; Liming Liang, Harvard Univ, Boston, MA; Xiumei Hong, Guoying Wang, Mei-Cheng Wang, Marsha Wills-Karp, Xiaobin Wang, Noel T Mueller, Johns Hopkins Univ, Baltimore, MD
- MP17 **Multivariable Mendelian Randomization Identifies Heterogeneity In The Effects Of Individual Branched Chain Amino Acids Across Metabolic, Cardiovascular, And Cognitive Phenotypes**  
**Christy L Avery**, Annie Green Howard, Harold H Lee, Moa P Lee, Anna F Ballou, Laura M Raffield, Rina Yarosh, Kari E North, Penny Gordon-Larsen, Misa Graff, UNIV N CAROLINA, Chapel Hill, NC
- MP18 **A Multi-ethnic Polygenic Risk Score Is Associated With Hypertension Prevalence And Progression Throughout Adulthood**  
**Tamar Sofer**, Harvard Medical Sch/Brigham and Women's Hosp, Boston, MA; Nuzulul Kurniansyah, Brigham and Women's Hosp, Boston, MA; Matthew Goodman, Brigham and Women's Hosp, Boston, MA, Boston, MA; Joshua Bis, Brigham and Women's Hosp, Boston, MA, Boston, MA, Seattle, WA; Xiuqing Guo, The Lundquist Inst at Harbor-U, Torrance, CA; Jeffrey Haessler, Fred Hutchinson Cancer Res Cen, Seattle, WA; Yan Gao, Fred Hutchinson Cancer Res Cen, Seattle, WA, Jackson, MS; Jennifer A Smith, Univ of Michigan, Ann Arbor, MI; Elena Feofanova, Univ of Michigan, Ann Arbor, MI, Houston, TX; Don M Lloyd-jones, NORTHWESTERN UNIVERSITY, Chicago, IL; Ruth Loos, Icahn Sch of Med at Mount Sinai, New York, NY; Robert Kaplan, Albert Einstein Coll of Med, Bronx, NY; Daniel Levy, NHLBI-FRAMINGHAM HEART STUDY, Newton Highlands, MA; The NHLBI Trans-Omics in Precision Medicine (TOPMed) Consortium

### **MPS.01.04      Global Health**

- MP19 **Characteristics And Patterns Of Retention In Hypertension Care In Primary Care Settings: Findings From The Hypertension Treatment In Nigeria Program**  
**Jiancheng Ye**, Northwestern Univ, Chicago, IL; Ikechukwu Orji, Univ of Abuja Teaching Hosp, Abuja, Nigeria; Abigail Shubat Baldrige, NORTHWESTERN UNIVERSITY, Chicago, IL; Tunde Ojo, Grace Shedul, Eugenia Ugwuneji, Nonye Egenti, Kasarachi Omitiran, Rosemary Okoli, Helen Eze, Ada Nwankwo, Univ of Abuja Teaching Hosp, Abuja, Nigeria; Lisa Hirschhorn, Northwestern Univ, Chicago, IL; Aashima Chopra, Northwestern Univ, Chicago, IL; Boni Ale, Gabriel Shedul, Univ of Abuja Teaching Hosp, Abuja, Nigeria; Priya Tripathi, Northwestern Univ, Chicago, IL; Namratha Kandula, NORTHWESTERN UNIVERSITY, Chicago, IL; Mark D Huffman, Northwestern Univ, Chicago, IL; Dike Ojji, Univ of Abuja, Gwagwalada, Abuja

- MP20 **Global Burden Of Elevated Low-density Lipoprotein Cholesterol, 1990-2020: Findings From The Global Burden Of Disease Study 2020**  
**Christian Razo**, IHME, Univ of Washington, Seattle, WA; Catherine O Johnson, Saate Shakil, Univ of Washington, Seattle, WA; Gregory A Roth, UNIVERSITY WASHINGTON, Seattle, WA
- MP21 **Findings From A Community-based Hypertension Screening Program In Rural Nepal**  
**Dinesh Neupane**, Johns Hopkins Univ, Baltimore, MD; Sweta Koirala, Nepal Development Society, Kathmandu; Abhinav Vaidya, Kathmandu Medical Coll Public Li, Kathmandu; Lawrence J Appel, JOHNS HOPKINS MEDICAL INSTITUTIONS, Baltimore, MD; Kuni Matsushita, JOHNS HOPKINS UNIVERSITY, Baltimore, MD
- MP22 **Myosteosis Is Associated With Worse Cognition In African Caribbean Women**  
**Adrianna Acevedo-Fontanez**, Ryan Cvejkus, Univ of Pittsburgh, Pittsburgh, PA; joseph zmuda, pittsburgh, PA; Victor Wheeler, Tobago Health Studies, Scarborough, Trinidad and Tobago; Caterina Rosano, Univ of Pittsburgh, Pittsburgh, PA; Iva Miljkovic, UNIVERSITY PITTSBURGH, Pittsburgh, PA; Allison L Kuipers, UNIVERSITY OF PITTSBURGH, Pittsburgh, PA
- MP23 **Does Predictors Of Overweight/obesity Among Women Vary Based On The Residential Setting? A Multilevel Analysis Of Repeated Cross-sectional Data In Nigeria**  
**Jason Mulimba Were**, Western Univ, London, ON, Canada; Emmanuel Kyeremeh, Univ of Toronto, Toronto, ON, Canada; Bridget Osei Annor, M. Karen Campbell, Saverio Stranges, Western Univ, London, ON, Canada
- MP24 **Neighborhood Cohesion And Violence In Port-au-Prince, Haiti, And Their Relationship To Cardiovascular Risk Factors Of Stress, Depression, And Blood Pressure**  
**Vanessa Rouzier**, GHESKIO, Port-au-Prince, Haiti; Lily Du Yan, Weill Cornell Med, New York, NY; Jean Lookens Pierre, GHESKIO, Port-au-Prince, Haiti; Jessy G Devieux, Dept of Health Promotion and Disease Prevention, Robert Stempel Coll of Public Health and Social Work, Florida Intl Univ, Miami, FL; Linda M GERBER, WEILL CORNELL MEDICAL COLLEGE, New York, NY; Alexandra Apollon, Stephano St-Preux, GHESKIO, Port-au-Prince, Haiti; Miranda Metz, Weill Cornell Med, New York, NY; Marie Deschamps, Jean William Pape, GHESKIO, Port-au-Prince, Haiti; Margaret McNairy, Weill Cornell Med, New York, NY

## POSTERS

### PS.01.01 Aging in Older Adults

- P001 **Neck Circumference Is Not Associated With Health Outcomes In Older Athletes**  
**Mayra dos Santos Silva**, Guiomar Silva Lopes, Dept of Psychobiology, Univ Federal de Sao Paulo, Sao Paulo, Brazil; Vagner Raso, Integrado Univ Medical Sch, Campo Mourao, Brazil
- P002 **A Pilot Study To Evaluate The Development And Implementation Of A Virtual Nutrition Education Program In Older Veterans**  
**Elizabeth A Parker**, UMSOM, Baltimore, MD; Sarah Cassatt, Jamie Giffuni, Heidi Ortmeyer, VA Maryland Health Care System, Baltimore, MD; LESLIE KATZEL, Baltimore, MD; Odessa Addison, UMSOM, Baltimore, MD
- P003 **Blood Pressure, Antihypertensive Drugs, And Incident Frailty: The Multidomain Alzheimer Preventive Trial**  
**Laure Rouch**, Toulouse Inst of Aging, Toulouse, France; Yves Rolland, Olivier Hanon, Hop Broca, Paris, France; Jean-Sébastien Vidal, Hôpital Broca, Paris, France; Philippe CESTAC, Toulouse Univ Hosp, Toulouse, France; SALLERIN brigitte, Sandrine Andrieu, faculty of pharmacy, toulouse, France; Bruno Vellas, Philipe de Souto Barreto, Toulouse, France

- P004 **Modified Step-in-Place Test Measures Exercise Capacity And Tolerance Of Elderly Women**  
**Vagner Raso**, Integrado Univ Medical Sch, Campo Mourao, Brazil; Victor Keihan Rodrigues Matsudo, Physical Fitness Res Ctr, Sao Caetano do Sul, Brazil

**PS.01.02 Brain Health and Neurocognition**

- P006 **Prevalence And Social Determinants Of Modifiable Risk Factors Of Dementia: An Analysis Of The National Health And Nutrition Examination Survey (nhanes) 2013-2018**  
**Eric Stulberg**, Univ of Utah, Salt Lake City, UT; Alexander Zheutlin, Univ of Utah, Salt Lake City, UT; Adam de Havenon, Yale Univ, New Haven, CT
- P007 **Liver Biomarkers And Brain Health: The Atherosclerosis Risk In Communities (aric) Study**  
**Yifei Lu**, Yifei Lu, UNC at Chapel Hill, Chapel Hill, NC; James Russell Pike, Univ of North Carolina, Chapel Hill, United States Minor Outlying Islands; Timothy M Hughes, Univ of North Carolina, Chapel Hill, United States Minor Outlying Islands, Winston Salem, NC; Ron C Hooegeven, BAYLOR COLLEGE MEDICINE, Houston, TX; Gerardo M Heiss, UNIVERSITY NORTH CAROLINA, Chapel Hill, NC; Priya Palta, Columbia Univ Medical Ctr, New York, NY
- P008 **Atherogenic Cholesterol Across The Lifespan And The Relationship With Midlife Global Cognitive Function: The Bogalusa Heart Study**  
**Ileana De Anda-Duran**, Tulane Univ, New Orleans, LA; David Libon, Stratford, NJ; Vijaya B Kolachalama, BU SCHOOL OF MEDICINE, Boston, MA; Rhoda Au, Boston Univ, Sch of Medici, Boston, MA; Lydia A Bazzano, TULANE UNIVERSITY, New Orleans, TX
- P010 **Relationship Of Pulse Pressure And Cognitive Performance In Individuals With Advanced Carotid Atherosclerosis**  
**Cedric Williams**, Dept of Neurological Surgery-Univ of Wisconsin Sch of Med and Public Health, Madison, WI; Gloria Morel Valdés, Dept of Neurology-Univ of Wisconsin Sch of Med and Public Health, Madison, WI; Carol Mitchell, Dept of Med-Univ of Wisconsin Sch of Med and Public Health, Madison, WI; Robert J Dempsey, Stephanie Wilbrand, Dept of Neurological Surgery-Univ of Wisconsin Sch of Med and Public Health, Madison, WI; Thomas Cook, Dept of Biostatistics and Medical Informatics-Univ of Wisconsin Sch of Med and Public Health, Madison, WI
- P011 **Blood Pressure Postural Changes Variability Is Associated With Cognitive Decline: The S.ages Cohort**  
Strumia Mathilde, INSERM 1295 - CERPOP, Toulouse, France; Jean-Sébastien Vidal, Hôpital Broca, Paris, France; Olivier Hanon, Hop Broca, Paris, France; **Laure Rouch**, INSERM 1295 - CERPOP, Toulouse, France
- P012 **Orthostatic Hypo- And Hyper-tension Are Associated With Cognitive Decline: The S.ages Cohort**  
Strumia Mathilde, INSERM 1295 - CERPOP, Toulouse, France; Olivier Hanon, Hop Broca, Paris, France; Jean-Sébastien Vidal, Hôpital Broca, Paris, France; **Laure Rouch**, INSERM 1295 - CERPOP, Toulouse, France
- P011 **Associations Between Diastolic Blood Pressure With Cognitive Functioning: Differences By Systolic Blood Pressure Among US Adults.**  
**Alvin Matthew**, Lauren Nahodyl, Robert Andrew Mesa, Julien Tremblay, Tatjana Rundek, Univ of Miami, Miami, FL; Adina Zeki Al Hazzouri, Columbia Univ, New York, NY; Tali Elfassy, Univ of Miami, Miami, FL

**PS.01.03 Cardiometabolic Risk Prediction**

- P014 **Disordered Eating And Cardiometabolic Risks In Chinese Women: The China Health And Nutrition Survey**

**Baiyu Qi**, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Ruyue Zhang, Karolinska Inst, Stockholm, Sweden; Shuyang Yao, Karolinska Instt, Stockholm, Sweden; Laura M Thornton, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Annie Green Howard, UNC, Chapel Hill, NC; Penny Gordon-larsen, UNC-CHAPEL HILL, Chapel Hill, NC; Shufa Du, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Huijun Wang, Bing Zhang, Chinese Ctr for Diseases Control and Prevention, Beijing, China; Cynthia M Bulik, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Kari E North, UNC CHAPEL HILL, Chapel Hill, NC; Melissa A Munn-Chernoff, Univ of North Carolina at Chapel Hill, Chapel Hill, NC

**P015 Associations Of Physical Activity And Lactation Duration With Cardiometabolic Risk Factors: The Cardia Study**

**Abbi Lane**, Univ of South Carolina, Columbia, SC; Kara M Whitaker, UNIVERSITY OF IOWA, Iowa City, IA; Muna Tahir, Univ of Minnesota, Minneapolis, MN; Bethany Barone Gibbs, Janet M Catov, UNIVERSITY OF PITTSBURGH, Pittsburgh, PA; Mercedes R Carnethon, NORTHWESTERN UNIVERSITY, Chicago, IL; Erica P Gunderson, KAISER PERMANENTE NORTHERN CA, Oakland, CA

**P016 Lose To Win: Changes In Weight Status From Adolescence To Young Adult Ages And Cardiovascular Health In Adulthood**

**Liliana Aguayo**, Emory Univ, Atlanta, GA; Rebecca Jones, Emory Univ, Decatur, GA; Fernando Riosmena, Univ of Colorado at Boulder, Boulder, CO; Solveig Argeseanu Cunningham, Emory Univ, Atlanta, GA; Shakira F Suglia, Emory UNIVERSITY, Atlanta, GA

**P017 Development And Validation Of A Body Composition-based Prediction Model For Cardiovascular Outcomes Among Older Adults**

**Chenkai Wu**, Lihui Chen, Xinran Wang, Duke Kunshan Univ, Kunshan, China

**P018 Overweight Is Not A Cardiovascular Risk Factor For Insulin-sensitive Individuals: CARDIA 30-year Follow Up**

**David P Cistola**, Texas Tech Univ HSC El Paso, El Paso, TX; Alok Dwivedi, Texas Tech Univ Health Scienc, El Paso, TX

**P019 Compensatory Hyperinsulinemia Is An Independent Risk Factor For Atherosclerotic Cardiovascular Disease: CARDIA 30-year Follow Up**

Sarah Farooq, Texas Tech Univ HSC El Paso, El Paso, TX; Alok Dwivedi, Texas Tech Univ Health Scienc, El Paso, TX; **David P Cistola**, Texas Tech Univ HSC El Paso, El Paso, TX

**P020 High Sensitivity C-reactive Protein Is Associated With Incidence Of Metabolic Syndrome Among Hispanic/Latino Participants Of The Hispanic Community Health Study/Study Of Latinos**

**Robert A. Mesa**, Univ of Miami, Miami, FL; Neil Schneiderman, Maria Llabre, UNIVERSITY OF MIAMI, Coral Gables, FL; Ana Palacio, Univ of Miami, Sunny Isles beach, FL; Tali Elfassy, UNIVERSITY OF MIAMI, Miami, FL

**P021 Performance Of Pooled Cohort Equations And MESA Risk Score Across Race/Ethnicity And Socioeconomic Status To Estimate 10-year Cardiovascular Risk In Diverse New England Cohort**

**Aniket N Zinzuwadia**, Harvard Medical Sch, Boston, MA; Chunying Li, Hesam Dashti, Lin Chen, Brigham & Women's Hosp, Boston, MA; Brian Cade, Boston, MA; Elizabeth Karlson, Brigham & Women's Hosp, Boston, MA; Nina Paynter, BRIGHAM AND WOMENS HOSPITAL, Boston, MA; Samia Mora, Brigham & Women's Hosp, Boston, MA; Olga Demler, Brigham and Women's Hosp, Boston, MA



- P022 **MS #279 - Use Of Dietary Supplements And Risk Of Chronic Kidney Disease In The Hispanic Community Health Study/Study Of Latinos (HCHS/SOL)**  
**Carmen E Mendoza**, UNC Chapel Hill, Chapel Hill, NC; Keturah R Faurot, UNC-CH, Durham, NC; James Lash, UNC-CH, Durham, NC, Chicago, IL; Daniela Sotres-Alvarez, UNC Chapel Hill, CHAPEL HILL, NC; Martha L Daviglus, UNIVERSITY ILLINOIS CHICAGO, Chicago, IL; Gerardo M Heiss, UNIVERSITY NORTH CAROLINA, Chapel Hill, NC
- P023 **A Scoring Tool For Identifying Hispanics/latinos With Chronic Kidney Disease: Hispanic Community Health Study/study Of Latinos**  
**Celestin Missikpode**, UNIVERSITY OF ILLINOIS AT CHICAGO, Chicago, IL; Amber Pirzada, Univ of Illinois at Chicago, Chicago, IL; Jiehuan Sun, Ramon Durazo-Arvizu, Univ of Illinois at Chicago, Chicago, IL, Chicago, IL; Nora Franceschini, UNIVERSITY NORTH CAROLINA, Chapel Hill, NC; Daniela Sotres-Alvarez, UNC Chapel Hill, CHAPEL HILL, NC; Gregory A Talavera, SAN DIEGO STATE UNIVERSITY, Chula Vista, CA; Ana Ricardo, SAN DIEGO STATE UNIVERSITY, Chula Vista, CA, Chicago, IL; James Lash, SAN DIEGO STATE UNIVERSITY, Chula Vista, CA, Chicago, IL, Chicago, IL; Martha L Daviglus, UNIVERSITY ILLINOIS CHICAGO, Chicago, IL
- P024 **The Association Of Cardiac Valvular Abnormality With Prevalent And Incident Chronic Kidney Disease In Community-Dwelling Older Adults: The Atherosclerosis Risk In Communities Study**  
**Vedika Karandikar**, Johns Hopkins Univ, Baltimore, MD; Yasuyuki Honda, Johns Hopkins Bloomberg Sch, Baltimore, MD; Junichi Ishigami, Johns Hopkins Univ, Baltimore, MD; Pamela L Lutsey, UNIVERSITY OF MINNESOTA, Minneapolis, MN; Michael E Hall, UNIV OF MISSISSIPPI MEDICAL CENTER, Jackson, MS; Scott Solomon, Brigham and Women's Hosp, Boston, MA; Josef Coresh, JOHNS HOPKINS SPH WELCH CENTER, Baltimore, MD; Amil Shah, BRIGHAM AND WOMEN S HOSPITAL, Boston, MA; Kuni Matsushita, JOHNS HOPKINS UNIVERSITY, Baltimore, MD
- P025 **Cigarette Smoking And Risk Of Hospitalization With Acute Kidney Injury: The Atherosclerosis Risk In Communities (aric) Study**  
**Mengkun Chen**, Ning Ding, Morgan Grams, Kuni Matsushita, Junichi Ishigami, Johns Hopkins Univ, Baltimore, MD

#### **PS.01.05 COVID 19**

- P026 **Comparison Of Mortality Among No Steroids, Methylprednisolone And Dexamethasone Groups In Intensive Care Covid-19 Patients: Preliminary Results From A Single Center Retrospective Study**  
**Mariangela Canaan**, Md Ashfaq Ahmed, Zhenwei Zhang, Anshul Saxena, Baptist Health South Florida, Coral Gables, FL; Muni Rubens, Baptist health South Florida, Coral Gables, FL; Venkataraghavan Ramamoorthy, Peter McGranaghan, Emir Veledar, Baptist Health South Florida, Coral Gables, FL
- P027 **COVID-19-Related Mortality And A Decline In U.S. Kidney Transplantation During The Second Year Pandemic**  
**Ekamol Tantisattamo**, Div of Nephrology, Hypertension and Kidney Transplantation, Dept of Med, Univ of California Irvine Sch of Med, Orange, CA; Natchaya Polpichai, Faculty of Med Songklanagarin Hosp, Prince of Songkla Univ, Songkhla, Thailand; Pornthira Mutirangura, Faculty of Med Siriraj Hosp, Mahidol Univ, Bangkok, Thailand; Manasawee Tanariyakul, Faculty of Med, Chulalongkorn Univ, Bangkok, Thailand
- P028 **Do Increased Cardiovascular Comorbidities Explain Excess Covid-19 Morbidity And Mortality In African Americans?**  
**Osama Dasa**, Yara Skaf, Cory Brunson, Ruba Sajdeya, Matthew Gurka, Carl Pepine, Reinhard Laubenbacher, Thomas A Pearson, Univ of Florida, Gainesville, FL

**PS.01.06      Hypertension 1**

- P029 **MOBILE Intervention In College Students With Elevated Blood Pressure: A Pilot Study**  
**Dieu-My T Tran**, Univ of Nevada, Las Vegas, Las Vegas, NV; Iris Martinez, Univ of Nevada Las Vegas, Las Vegas, NV; Chad Cross, Univ of Nevada, Las Vegas, Las Vegas, NV; Yumei Feng Earley, UNIVERSITY OF NEVADA, RENO, Reno, NV
- P030 **Traditional Cardiovascular Risk Factors Are Associated With Being Hypertensive At Rheumatoid Arthritis Diagnosis: Results From The Canadian Early Arthritis Cohort**  
**Brook Hadwen**, Saverio Stranges, Neil Klar, Univ of Western Ontario, London, ON, Canada; Vivian Bykerk, Univ of Toronto, Toronto, ON, Canada; Susan Bartlett, McGill Univ, Montreal, QC, Canada; Louis Bessette, Univ de Laval, Quebec, QC, Canada; Gilles Boire, Univ de Sherbrooke, Sherbrooke, QC, Canada; Glen Hazlewood, Univ of Calgary, Calgary, AB, Canada; Carol Hitchon, Univ of Manitoba, Winnipeg, MB, Canada; Edward Keystone, Bindee Kuriya, Univ of Toronto, Toronto, ON, Canada; Janet Pope, Univ of Western Ontario, London, ON, Canada; Carter Thorne, Diane Tin, Southlake Regional Health Ctr, Newmarket, ON, Canada; Marie-France Valois, Orit Schieir, McGill Univ, Montreal, QC, Canada; Lillian Barra, Univ of Western Ontario, London, ON, Canada; on behalf of CATCH Investigators
- P031 **Does The Place Of Residence Influence Your Risk Of Being Hypertensive? A Case Study From Nepal**  
**Ishor Sharma**, Karen Campbell, Jason Mulimba Were, Juan Camilo Vargas-Gonzalez, Saverio Stranges, Western Univ, London, ON, Canada
- P032 **Initiating Hypertension Treatment To Prevent Incident Cardiovascular Disease: A Population Estimate Using The Cardiovascular Disease Policy Model**  
**Susan Hennessy**, Joanne Penko, Pamela Coxson, Pengxiao Wei, Ross Boylan, Azuka Atum, UCSF, San Francisco, CA; Brandon K Bellows, Yiyi Zhang, Columbia Univ, New York, NY; Dhruv S Kazi, BIDMC, Boston, MA; Andrew E Moran, Columbia Univ Medical Ctr, New York, NY; Kirsten Bibbins-Domingo, UCSF, San Francisco, CA
- P033 **Higher Ambulatory Sbp Is Associated With Increasing Number Of Target Organ Abnormalities In Youth: The Ship Ahoy Study**  
**Elaine Urbina**, CINCINNATI CHILDRENS HOSPITAL, Cincinnati, OH; Gilad Hamdani, Schneider Children's Medical Ctr, Petah Tikva, Israel; Michael A Ferguson, CHILDRENS HOSPITAL BOSTON, Boston, MA; Joseph T Flynn, SEATTLE CHILDRENS HOSPITAL, Seattle, WA; Marc B Lande, UNIVERSITY ROCHESTER MEDICAL CTR, Rochester, NY; Kevin Meyers, Children's Hosp of Philadelphia, Drexel Hill, PA; Joshua A Samuels, McGovern Medical Sch at UTHealth, Houston, TX; Mark Mitsnefes, CINCINNATI CHILDRNS HOSP MED CTR, Cincinnati, OH
- P034 **The Association Of Breastfeeding With Lower Blood Pressure Is Stronger In Children Born Vaginally Compared To Cesarean Section**  
**Yipin Han**, Jianbo H Zhao, Mingyu Zhang, Tiange Liu, Xiumei Hong, Xiaobin Wang, Noel T Mueller, Johns Hopkins Univ, Baltimore, MD
- P035 **Seasonal Variations In Blood Pressure Control Among U.S. Adults With Hypertension, 2011-2018**  
**Andrew Y Hwang**, High Point Univ, High Point, NC; Steven M Smith, UNIVERSITY OF FLORIDA, Gainesville, FL
- P036 **Pooled Cohort Equation As A Predictor Of Incident Hypertension Among Hispanics/Latinos: The Hispanic Community Health Study/study Of Latinos (HCHS/SOL)**  
**Patricia Chavez**, Ayana April-Sanders, Un Jung Lee, Albert Einstein Coll of Med, Bronx, NY; Tali Elfassy, UNIVERSITY OF MIAMI, Miami, FL; Neil Schneiderman, UNIVERSITY OF

MIAMI, Coral Gables, FL; Robert Kaplan, Albert Einstein Coll of Med, Bronx, NY; Krista Perreira, Univ of North Carolina Sch, Chapel Hill, NC; Olga Cecilia Castro-Diehl, Boston Univ Sch of Med, Boston, MA; Martha L Daviglius, UNIVERSITY ILLINOIS CHICAGO, Chicago, IL; Gregory A Talavera, SAN DIEGO STATE UNIVERSITY, Chula Vista, CA; Linda Gallo, San Diego State Univ, Chula Vista, CA; Daniela Sotres-Alvarez, UNC Chapel Hill, CHAPEL HILL, NC; Carlos Rodriguez, Albert Einstein Sch of Med, Bronx, NY

- P037 **Age Modifies The Inverse Association Between Standing Height And Pulse Pressure**  
Aayush Visaria, Rutgers Univ, New Brunswick, NJ; **Fariha Hameed**, McGovern Medical Sch, Houston, TX; Devam Patel, Cole Jenkins, Purva Khanapure, Rutgers Univ, New Brunswick, NJ; David Lo, Rutgers Univ, Piscataway, NJ

### **PS.01.07 Lipids and Lipoproteins**

- P038 **Association Of Discordance Between Low-density Lipoprotein And High-density Lipoprotein Cholesterol Versus Particle Concentration With Incidence Of Type 2 Diabetes: Coronary Artery Risk Development In Young Adults Study**  
**Jonathan J Ruiz-Ramie**, Augusta Univ, Augusta, GA; Jacob Barber, Xuewen Wang, Univ of South Carolina, Columbia, SC; John T Wilkins, NORTHWESTERN UNIVERSITY, Chicago, IL; Janet Snell-bergeon, UNIVERSITY OF COLORADO DENVER, Aurora, CO; Don M Lloyd-Jones, NORTHWESTERN UNIVERSITY, Chicago, IL; Abbi Lane-cordova, Univ of South Carolina, Columbia, SC; Mark A Sarzynski, UNIVERSITY OF SOUTH CAROLINA, Columbia, SC
- P039 **Low-density Lipoprotein Management In Patients With Peripheral Artery Disease With And Without Severe Hypercholesterolemia In A Largely Rural Population**  
**Lauren Ross**, Univ of Minnesota Medical Sch - Duluth Campus, Duluth, MN; Nicole Groth, Essentia Health, Hermantown, MN; Catherine P Benziger, Essentia Health, Duluth, MN
- P040 **Dyslipidemia And The Incidence Of Subclinical And Clinical Cardiovascular Disease In Adolescents And Young Adults: The Strong Heart Family Study (SHFS)**  
**Jessica Reese**, Univ of Oklahoma- HSC, Oklahoma City, OK; Mary J Roman, WEILL CORNELL MEDICAL CENTER, New York, NY; Jason Deen, Seattle Children's Hosp, Seattle, WA; Tauqeer Ali, Univ of Oklahoma Health Scien, Oklahoma City, OK; Shelley Cole, Texas Biomedical Res Inst, San Antonio, TX; Richard B Devereux II, Weill Cornell Med, New York, NY; Amanda M Fretts, UNIVERSITY OF WASHINGTON CHRU, Seattle, WA; Barbara V Howard, MEDSTAR HEALTH AND GEORGETOWN U, Bonita Spgs, FL; Wm. James Howard, None, none, DC; Elisa T Lee, Univ. of Oklahoma HSC, Oklahoma City, OK; Kimberly Malloy, Univ. of Oklahoma HSC, Oklahoma City, OK, Oklahoma City, OK; Parmanand SINGH, WEILL CORNELL MEDICAL COLLEGE, New York, NY; Jason G Umans, Georgetown Univ Med Ctr, Hyattsville, MD; Ying Zhang, Univ of Oklahoma HSC, Edmond, OK
- P041 **Increases In Low-density Lipoprotein Subclasses During The Menopause Transition Are Associated With Greater Risk Of Coronary Calcification And Carotid Atherosclerosis: The SWAN HDL Study**  
**Samar R El Khoudary**, UNIVERSITY OF PITTSBURGH, Pittsburgh, PA; Xirun Chen, Univ of Pittsburgh, Pittsburgh, PA; Maria M Brooks, UNIV OF PITTSBURGH GRAD SCH, Pittsburgh, PA; Trevor Orchard, univ pittsburgh, Monroeville, PA; Sybil Crawford, Univ of Massachusetts Medical Sch, Worcester, MA; Imke Janssen, RUSH UNIVERSITY MEDICAL CENTER, Chicago, IL; Susan A Everson-rose, UNIVERSITY OF MINNESOTA, Minneapolis, MN; Dan McConnell, Univ of Michigan, Ann Arbor, MI; Karen A Matthews, UNIVERSITY PITTSBURGH SCHOOL MED, Pittsburgh, PA
- P042 **Impact Of Mild Sleep Restriction On Lipid Profile: Influence Of Inflammatory Markers**

**Rocio Barragan**, Columbia Univ, New York, NY; Delaney Shaw, COLUMBIA UNIVERSITY, New York, NY; Faris M Zuraikat, Samantha Scaccia, Columbia Univ Medical Ctr, New York, NY; Bin Cheng, New York, NY; Sanja Jelic, Marie-Pierre St-Onge, COLUMBIA UNIVERSITY, New York, NY

**PS.01.08 Mobile Health Technology and Wearables**

- P043 **A Framework For The Evaluation Of Digital Tools**  
**Hadi Danawi**, Walden Univ, Houston, TX; Patrick Dunn, YOUR HEART SCORE LLC, Leander, TX
- P044 **A Novel Digital Therapeutic Program Is Feasible For Patients With Peripheral Artery Disease**  
Saemundur Oddsson, Sidekick Health, Kopavogur, Iceland; Carl Wahlgren, Dept of Vascular Surgery, Karolinska Univ Hosp, Stockholm, Sweden; **Joakim Nordanstig**, Dept of Hybrid and Interventional Surgery, Sahlgrenska Univ Hosp, Gothenburg, Sweden; Anders Gottsäter, Dept of Med, Skåne Univ Hosp, Malmo, Sweden; Thrudur Gunnarsdottir, Hildigunnur Ulfssdottir, Elias Gudmundsson, Agusta Bjornsdottir, Sidekick Health, Kopavogur, Iceland; Tryggvi Thorgeirsson, SidekickHealth, Kopavogur, Iceland
- P045 **Self-reported Anxiety And Patient Activation Among Smartwatch Users Monitored For Atrial Fibrillation Post-stroke: The Pulsewatch Study**  
**Tenes J Paul**, Khanh-van T Tran, Jordy Mehawej, Darleen Lessard, Andreas Filippaios, Eric Ding, Shiksha Joshi, Edith Mensah Otabil, Kamran Noorishirazi, Syed Naeem, Apurv Soni, UMass Medical Sch, Worcester, MA; Jane Saczynski, Northeastern Univ, Boston, MA; David D McManus, UMass Medical Sch, Worcester, MA
- P046 **Psychosocial Measures In Relation To Smartwatch Device Alerts For Atrial Fibrillation Detection Post Stroke: The Pulsewatch Study**  
**Andreas Filippaios**, UMass Chan Medical Sch, Worcester, MA; Khanh-van T Tran, UMASS Memorial Medical Ctr, Worcester, MA; Jordy Mehawej, Eric Ding, UMass Medical Sch, Worcester, MA; Jane Saczynski, Northeastern Univ, Boston, MA; Darleen Lessard, UMass Medical Sch, Worcester, MA; Tenes Paul, Univ of Massachusetts Medical, Worcester, MA; Edith Mensah Otabil, UMass Medical Sch, Worcester, MA; Kamran Noorishirazi, Syed Naeem, UMass Chan Medical Sch, Worcester, MA; Shiksha Joshi, Apurv Soni, David D McManus, UMMS, Worcester, MA
- P047 **Depressive Symptom Trajectory Associated With Step Counts From Smartwatch: The Electronic Framingham Heart Study**  
**Xuzhi Wang**, Boston Univ, Boston, MA; Chaturangi H Pathiravasan, Boston Univ, SPH, Boston, MA; Yuankai Zhang, Boston Univ, SPH, Boston, MA, Pittsburgh, PA; Ludovic Trinquart, Boston Univ, Boston, MA; Belinda Borrelli, Boston Univ, Henry M. Goldman, Boston, MA; Nicole L Spartano, Boston Univ, Boston, MA; Honghuang Lin, BOSTON UNIVERSITY, Boston, MA; Christopher Nowak, Vik Kheterpal, CareEvolution, Ann Arbor, MI; Emelia J Benjamin, BOSTON UNIVERSITY SCHOOL MEDICINE, Brookline, MA; David D McManus, UMMS, Worcester, MA; JoAnne Murabito, BOSTON UNIVERSITY SCHOOL OF MEDICINE, Framingham, MA; Chunyu Liu, Boston Univ, Boston, MA
- P048 **Feasibility Of A Remotely Delivered Mobile Health Exercise Intervention For Cardiometabolic Health: A Pilot Trial**  
**Jacqueline K Dawson**, Alison Ede, Madeleine Phan, Alec Sequeira, Hsiang-Ling Teng, Ayla Donlin, California State Univ, Long Beach, Long Beach, CA
- P049 **A Digital Therapeutic Intervention Is Feasible For Outpatient Care In Coronary Artery Disease**

**David O. Arnar**, The Natl Univ Hosp of Iceland, Reykjavik, Iceland; Saemundur Oddsson, Sidekick Health, Kopavogur, Iceland; Thrudur Gunnarsdottir, Sidekick Health, Kopavogur, CO; Inga V Olafsdottir, Maria V Gudmundsdottir, The Natl Univ Hosp of Iceland, Reykjavik, Iceland; Kjartan H Loftsson, Elias F Gudmundsson, Sidekick Health, Kopavogur, Iceland; Bylgja Kaernsted, The Natl Univ Hosp of Iceland, Reykjavik, Iceland; Maria L Amundadottir, Svala Sigurdardottir, Sidekick Health, Kopavogur, Iceland; Brynjolfur Mogensen, Berglind Libungan, The Natl Univ Hosp of Iceland, Reykjavik, Iceland; Tryggvi Thorgeirsson, Sidekick Health, Kopavogur, Iceland

- P050 **Transcending The Geographical Barrier: Design And Preliminary Findings From The Mhealth Component Of The Rural Study**  
**Jordy Mehawej**, Singh Aditi, UMass Medical Sch, Worcester, MA; Joanne Mathew, UMass Medical Sch, Worcester, MA; Megan Evans, UAB, Alabama, AL; Shivakumar Valpady, UMass Medical Sch, Worcester, MA; Massimo Bigliardo, UPenn, Penn, PA; Corby K Martin, PBRC, Baton Rouge, LA; Suzanne E Judd, UAB, Birmingham, AL; Vasana S. Ramachandran, BUMC, Boston, MA; David D McManus, UMMS, Worcester, MA; Apurv Soni, UMass Medical Sch, Worcester, MA

### **PS.01.09 Nutrition and Diet 1**

- P051 **Healthy For Life: A Shift To Virtual Nutrition Education To Improve Confidence And Dietary Behaviors**  
**Heather Gavras**, Olivia Jones, Remy Poudel, American Heart Association, Dallas, TX
- P052 **Identifying Barriers To Healthy Eating In Pregnant Women With Hypertension, Hypertensive Disorders Of Pregnancy, Or Risk Factors For Hypertensive Disorders Of Pregnancy.**  
**Diana Sibai**, Sravya Shankara, UMass Chan Medical Sch, Worcester, MA; Didem Ayturk, UMASS Chan Med Sch, Dept of Population and Quantitative Health Sciences, Worcester, MA; Sheikh Moinul, Katherine Lynch, UMass Chan Medical Sch, Worcester, MA; David D McManus, Lara C. Kovell, UMass Chan Medical Sch, Div of Cardiovascular Med, Dept of Med, Worcester, MA
- P053 **A Confirmatory Factor Analysis Of The Whole Food Plant-based Diet Attitudes And Beliefs Survey**  
**Christine Jovanovic**, Angela Pfammatter, Elyse Daly, Northwestern Univ, Chicago, IL; Bonnie Spring, NORTHWESTERN UNIVERSITY, Chicago, IL
- P054 **Plant-based Nutrition And Lifestyle Intervention To Improve Dietary Behaviors Among Black Adults In The South**  
**Samara Sterling**, The Peanut Inst, Albany, GA; Shelly-Ann Bowen, ICF Global, Albany, GA
- P055 **Reweighting Diet Quality Score Components Strengthens All-cause Mortality Risk Associations**  
**Haley W Parker**, Brietta Oaks, Ashley Buchanan, Maya Vadiveloo, Univ of Rhode Island, Kingston, RI
- P056 **Quality Assessment Of Consumer-facing Sodium Reduction Websites**  
**Tasfia Hussain**, Taha Ahmedna, Johns Hopkins Univ, Baltimore, MD; Matti Marklund, Johns Hopkins Univ, Santiago, Chile; Lawrence J Appel, JOHNS HOPKINS MEDICAL INSTITUTIONS, Baltimore, MD; Megan Henry, Johns Hopkins Univ, Baltimore, MD
- P057 **Proteomic Signature Of Healthy Dietary Patterns And Risk Of Cardiovascular Disease In The Framingham Heart Study**  
**Maura E Walker**, Boston Univ, Boston, MA; Vanessa Xanthakis, BU SCHOOL OF MEDICINE, Boston, MA; Honghuang Lin, BOSTON UNIVERSITY, Boston, MA; Paul

Jacques, Jean Mayer USDA Human Nutrition Res Ctr on Aging at Tufts Univ, Boston, MA;  
Vasan S Ramachandran, Boston University Sch of Med, Boston, MA

P058

**Comparative Effects Of Different Dietary Patterns On Biomarkers Of Non-Communicable Diseases: A Systematic Review And Network Meta-Analysis**

**Shuang Liang**, Jovana Mijatovic, The Univ of Sydney, Sydney, Australia; Ang Li, The Univ of Melbourne, Melbourne, Australia; Reeya Nasir, Clemence Toniutti, Kim Bell-Anderson, Fiona O'Leary, Michael Skilton, The Univ of Sydney, Sydney, Australia

P059 **Effects Of Saturated Fatty Acid On Lipoprotein(a): A Systematic Review And Meta-analysis**

**Terrence Riley**, Philip Sapp, Penn State Univ, State College, PA; Kristina Petersen, Texas Tech Univ, Lubbock, TX; Penny M Kris-Etherton, PENNSYLVANIA STATE UNIV, University Park, PA

**PS.01.10 Obesity and Adipose Tissue Distribution**

P060 **The Association Of Lean Mass With Type 2 Diabetes: The Coronary Artery Risk Development In Young Adults (CARDIA) Study**

**Robert Booker**, Shaina Alexandria, Northwestern Univ, Chicago, IL; Michael Bancks, Wake Forest Sch of Med, Winston Salem, NC; Lisa Chow, Univ of Minnesota, Minneapolis, MN; Cora E Lewis, UNIV ALABAMA BIRMINGHAM, Birmingham, AL; Pamela Schreiner, UNIV MINNESOTA, Minneapolis, MN; Mandy Wong, Northwestern Univ, Chicago, IL; Mercedes R Carnethon, NORTHWESTERN UNIVERSITY, Chicago, IL

P061 **Associations Between Body Composition, Diet, And CVD Risk Markers Among Women During The Menopausal Transition: Findings From The AHA Research Goes Red Women's Health Registry**

**Brooke Aggarwal**, Samantha Scaccia, Ellen Davis, Varna Kodoth, Sally Liu, Brianna Wummer, Yifei Sun, Columbia Univ Medical Ctr, New York, NY

P062 **Migration-related Weight Changes Among African Immigrants In The United States**

**Samuel Byiringiro**, Ruth-alma N Turkson-ocran, Johns Hopkins Univ, Baltimore, MD; Diana Baptiste, Binu Koirala, Johns Hopkins Sch of Nursing, Baltimore, MD; Oluwabunmi B Ogungbe, Cheryl Dennison Himmelfarb, Johns Hopkins Univ, Baltimore, MD; Yvonne Commodore-Mensah, Johns Hopkins Univ, Elkridge, MD

P063 **Socioeconomic Status And Component Of Iatrogenic Obesity In The United States**

**Beini Lyu**, Johns Hopkins Univ, Baltimore, MD; Morgan Grams, Baltimore, MD; Alex R Chang, Geisinger, Danville, PA; Lesley Inker, Geisinger, Danville, PA, Brookline, MA; Elizabeth Selvin, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Jung-im Shin, Johns Hopkins Univ, Baltimore, MD

P064 **Metabolic Risk Transitions In Obesity With The Incidence Of Heart Failure And Coronary Heart Disease: The Atherosclerosis Risk In Communities (aric) Study**

**Yvonne Commodore-Mensah**, Sui Zhang, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Justin Echouffo Tcheugui, Johns Hopkins Hosp, Ellicott City, MD; Roberta Florido, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Vijay Nambi, Baylor Coll of Med, Sugar Land, TX; Erin D Michos, Johns Hopkins Sch of Med, Baltimore, MD; Wendy S. Post, Gary Gerstenblith, Roger S Blumenthal, JOHNS HOPKINS HOSPITAL, Baltimore, MD; Christie M Ballantyne, BAYLOR COLLEGE MEDICINE, Houston, TX; Elizabeth Selvin, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Chiadi E Ndumele, JOHNS HOPKINS HOSPITAL, Baltimore, MD

**P065 Excess Weight And Transition To Metabolic Dysregulation Increases Atrial Fibrillation Risk**  
**Megan M Shuey**, Vanderbilt Univ Medical Ctr, Nashville, TN; Giovanni E Davogustto, Vanderbilt Univ, Nashville, TN; Shi Huang, Vanderbilt Univ, Nashville, TN, Nashville, TN; Eric Farber-Eger, Vanderbilt Univ Medical Cente, Nashville, TN; Rebecca T Levinson, Heidelberg Univ Hosp, Nashville, TN; Frank Harrell, Vanderbilt Univ, Nashville, TN; Nancy Cox, Vanderbilt Univ Medical Cente, Nashville, TN; Quinn Wells, VANDERBILT UNIVERSITY, Nashville, TN

**PS.01.11 Physical Activity and Sedentary Behavior**

**P066 The 24-hour Movement Guidelines Adherence During The Covid-19 Pandemic In Undergraduate Students From Low-income Region**

Marcus Vinicius Nascimento-Ferreira, Jairon Alves Carvalho, Eduardo Pereira Nascimento, HEALTH, pHYsical activity and Behavior ReseArch (HEALTHY-BRA) group, Federal Univ of Tocantins, Miracema, Brazil; Erika da Silva Maciel, Federal Univ of Tocantins, Miracema, Brazil; **Augusto Cesar Ferreira De Moraes**, The Univ of Texas Health Science Ctr at Houston, Sch of Public Health at Austin, Austin, TX

**P067 Elite Female Athlete'S Heart Of Asians: The Chief Heart Study**

**Gen-min Lin**, HUALIEN ARMED FORCES GEN HOSPITAL, Hualien, Taiwan; Pang-yen Liu, Natl Defense Medical Ctr, Taipei; Joao A Ac Lima, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Carl Joseph LAVIE Jr., OCHSNER HEALTH SYSTEM, New Orleans, LA

**P068 24-hour Activity Behaviors Are Associated With Covid-19 Prevalence**

**Patricia Pagan Lassalle**, Lauren C. Bates, Peter F. Halpin, Zachary Y. Kerr, Erik D. Hanson, Michelle L. Meyer, Lee Stoner, The Univ of North Carolina at Chapel Hill, Chapel Hill, NC

**P069 Temporal Patterns Of Adherence To The Physical Activity Goal In A Mobile Health Weight-loss Trial**

**Zhadyra Bizhanova**, Graduate Sch of Public Health, Univ of Pittsburgh, Pittsburgh, PA; Susan M Sereika, Jacob K Kariuki, Sch of Nursing, Univ of Pittsburgh, Pittsburgh, PA; Margaret B Conroy, UNIVERSITY OF UTAH, Salt Lake Cty, UT; Bonny Rockettewagner, Maria M Brooks, Jessica Cheng, Graduate Sch of Public Health, Univ of Pittsburgh, Pittsburgh, PA; Britney Beatrice, Sch of Health and Rehabilitation Sciences, Univ of Pittsburgh, Pittsburgh, PA; Lora E Burke, Sch of Nursing, Univ of Pittsburgh, Pittsburgh, PA

**P070 Individual And Environmental Correlates Of Objectively Assessed Physical Activity Levels In Rural Residents**

**Natalicio Serrano**, Univ of Illinois at Chicago, Chicago, IL; Ross Brownson, Washington Univ; Alan M Beck, Washington Univ In St. Louis, Saint Louis, MO

**P071 Child Enjoyment Sustains Meeting Physical Activity Guidelines Through Adolescence And Resulting Health Outcomes And Maintenance Of Fitness Activities In Young Adulthood**

**Jared Ramer**, Univ of Illinois at Chicago, Chicago, IL; Andrew Koepp, The Univ of Texas at Austin, Austin, TX; Deborah Vandell, Univ of California, Irvine, Irvine, CA

**P072 Elevated Coronary Artery Calcification In Highly Active Men: Role Of Exercise Intensity Versus Duration**

**Andjelka Pavlovic**, The Cooper Inst, Dallas, TX; Laura F Defina, THE COOPER INSTITUTE, Dallas, TX; David Leonard, Beth B Wright, The Cooper Inst, Dallas, TX; Steve Farrell, Cooper Inst, Dallas, TX; Kerem Shuval, Ben Levine, The Cooper Inst, Dallas, TX

**P073**

**Does Physical Activity Modify The Association Between High-density Lipoprotein Cholesterol And All-cause Mortality?**

**James R Churilla**, Univ of North Florida, Jacksonville, FL; William Boyer II, California Baptist Univ, Riverside, CA

- P074 **A Cluster Randomized Trial Of An Mhealth Intervention To Promote Cardiovascular Health In Emerging Adults: Results Of The Nuyou Study**  
**Angela Pfammatter**, Christine Jovanovic, H. Gene McFadden, Charles Olvera, Northwestern Univ, Chicago, IL; Juned Siddique, NORTHWESTERN UNIVERSITY, Chicago, IL; Donald Hedeker, Univ of Chicago, Chicago, IL; Bonnie Spring, NORTHWESTERN UNIVERSITY, Chicago, IL
- P075 **An Innovative Statistical Approach To Investigate The Association Of Movement Behaviors On High-sensitivity C-reactive Protein: The Jackson Heart Study**  
**Robert Booker**, Northwestern Univ, Chicago, IL; Robert L Newton Jr., PENNINGTON BIOMEDICAL RESEARCH CENT, Baton Rouge, LA; Keith C Norris, CHARLES DREW UNIVERSITY, Lynwood, CA; Roland J Thorpe, CHARLES DREW UNIVERSITY, Lynwood, CA, Owings Mills, MD; Mercedes R Carnethon, NORTHWESTERN UNIVERSITY, Chicago, IL; Megan E. Holmes, Mississippi State Univ, Mississippi State, MS
- P076 **Correlations In Hispanic/Latino Siblings' Physical Activity And Sedentary Behavior: Results From The Hispanic Community Children's Health Study/Study Of Latino Youth (SOL Youth)**  
**Madison N LeCroy**, Albert Einstein Coll of Med, Bronx, NY; Kelly R Evenson, UNC Dept of Epidemiology, Chapel Hill, NC; Krista Perreira, Univ of North Carolina Sch, Chapel Hill, NC; Linda Van Horn, NORTHWESTERN UNIV MEDICAL SCH, Chicago, IL; Xiaonan Xue, Albert Einstein Coll of Med, Bronx, NY; Linda Gallo, San Diego State Univ, Chula Vista, CA; Martha L Daviglus, UNIVERSITY ILLINOIS CHICAGO, Chicago, IL; Carmen R Isasi, Albert Einstein Coll of Med, Bronx, NY
- P077 **Midlife Physical Activity Is Associated With Gut Microbial Species And Metabolic Pathways: Coronary Artery Risk Development In Young Adults Study**  
**Anju Lulla**, UNIVERSITY OF NORTH CAROLINA, Kannapolis, NC; Kelley P Gabriel, UAB Sch of Public Health, Birmingham, AL; Eli Puterman, Univ of British Columbia, Vancouver, BC, Canada; Katherine H Ingram, KENNESAW STATE UNIVERSITY, Kennesaw, GA; Joseph Petrosino, Baylor Coll of Med, Houston, TX; James M Shikany, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL; Osorio Meirelles, Natl Inst on Aging, Bethesda, MD; Lenore J Launer, Natl Inst on Aging, Washington, DC; Katie Meyer, UNIVERSITY OF NORTH CAROLINA, Kannapolis, NC

#### **PS.01.12 Physical Functioning and Quality of Life**

- P078 **Determinants Of Functionality In An Elderly Population With Hip Osteoarthritis**  
Cristina P Baena, **Cristina P Baena**, PUCPR, Curitiba, Brazil; GRAZIELLA MARTINS DE DE MELLO, pucpr, Curitiba, Brazil; Dyego Leandro Bezerra de Souza, pucpr, Curitiba, Brazil, Natal, Brazil; Javier Roig, Ariele Barreto Haagsma, pucpr, Curitiba, Brazil, Natal, Brazil, Barcelona; Marcia Olandoski
- P079 **Comparing General Versus Disease-specific Patient-reported Outcomes Instruments Among Patients With Peripheral Artery Disease**  
Chloe Powell, Michigan Med, Ann Arbor, MI; Gloria Kim, Univ of Michigan, Ann Arbor, MI; Mary Byrnes, Univ of Michigan, Ann Arbor, MI, Dearborn, MI; Katherine Gallagher, UNIVERSITY MICHIGAN, Northville, MI; **Matthew A. Corriere**, Univ of Michigan, Ann Arbor, MI
- P080 **Health-related Quality Of Life Predictors Of Exercise Intervention Dropout**



**Katherine A Collins**, Leanna M Ross, Lucy W Piner, Duke Univ Medical Ctr, Durham, NC; Lori A Bateman, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Ilene C Siegler, Duke Univ, Durham, NC; Kim M Huffman, William E Kraus, Duke Univ Medical Ctr, Durham, NC

- P081 **Rethinking The Association Of Physical Performance With Blood Pressure Changes In Older Women: Findings Form The Women’S Health Initiative**  
**Deepika Laddu**, UNIVERSITY OF ILLINOIS CHICAGO, Chicago, IL; Michael LaMonte, Univ of Buffalo, SUNY, NY; Bernhard Haring, Univ Heart Ctr Graz, Graz, Austria; Hajwa Kim, Univ Heart Ctr Graz, Graz, Austria, Chicago, IL; Peggy Cawthon, Univ Heart Ctr Graz, Graz, Austria, Chicago, IL, San Francisco, CA; Jennifer Bea, UNIVERSITY OF ARIZONA, Tucson, AZ; Hailey Banack, Univ of Buffalo, Suny, NY; Jane A Cauley, Univ of Pittsburgh, Pittsburgh, PA; Matthew A Allison, Univ of California San Diego, La Jolla, CA; Lisa W Martin, GEORGE WASHINGTON UNIV, Washington, DC; Meryl LeBoff, Brigham and Women’s Hosp, Boston, MA; Marcia L Stefanick, STANFORD UNIVERSITY, Stanford, CA; Shane A Phillips, UNIVERSITY OF ILLINOIS AT CHICAGO, Chicago, IL; Jun Ma, Univ of Illinois, Chicago, IL

## **POSTER SESSION 2**

**Wednesday, March 2 5:00 – 7:00 PM**

### **MODERATED POSTERS**

#### **MPS.02.05 Health Effects of Physical Activity and Sedentary Behavior**

- MP25 **Physical Activity And The Progression Of Coronary Artery Calcification**  
**Laura F DeFina**, THE COOPER INSTITUTE, Dallas, TX; Nina Radford, Cooper Clinic, Dallas, TX; David Leonard, Stephen Farrell, Andjelka Pavlovic, Kerem Shuval, Beth B Wright, The Cooper Inst, Dallas, TX; Benjamin D. Levine, UT Southwestern, Dallas, TX
- MP26 **Replacing Sedentary Behavior Time With Various Daily-life Physical Activities And Structured Exercises, Recommended Physical Activity, And Incident Coronary Heart Disease**  
**Xiang Li**, Tulane Univ, New Orleans, LA; Hao Ma, Tulane university, Metairie, LA; Tao Zhou, Tulane university, Metairie, LA, NEW ORLEANS, LA; Lu Qi, TULANE UNIVERSITY, New Orleans, LA
- MP27 **Associations Of Accelerometer-measured Physical Activity And Sedentary Behavior With Incident Ischemic Stroke: The Women’s Health Study (WHS)**  
**Kennedy M Peter**, UNC at Chapel Hill, Chapel Hill, NC; Kelly R Evenson, UNC Dept of Epidemiology, Chapel Hill, NC; Carmen Cuthbertson, Univ of North Carolina, Chapel Hill, NC; Annie Green Green Howard, UNC, Chapel Hill, NC; I-min M Lee, HARVARD MEDICAL SCHOOL, Boston, MA
- MP28 **Associations Of Adverse Childhood Family Environment With Adult Sedentary Behavior And Physical Activity: The Coronary Artery Risk Development In Young Adults (CARDIA) Study**  
**Melissa A Jones**, The Univ of Iowa, Iowa city, IA; Nathaniel D.M. Jenkins, Univ of Iowa, Iowa City, IA; Kelley Pettee Gabriel, Univ of Alabama at Birmingham, Birmingham, AL; Catarina I Kiefe, Univ of Massachusetts Chan Medical Sch, Worcester, MA; David R Jacobs Jr., Univ of Minnesota, Minneapolis, MN; Kiarri N Kershaw, Northwestern Univ, Chicago, IL; Kara M Whitaker, Univ of Iowa, Iowa City, IA
- MP29 **Higher Levels Of Leisure Physical Activity In Mid-life And Attenuated Physical Function Declines In Late-life: The Atherosclerosis Risk In Communities Study**  
**Laura Skow**, Jennifer Schrack, Johns Hopkins Univ, Baltimore, MD; A R Sharrett Sr., JOHN HOPKINS UNIV, Baltimore, MD; Kelley Pettee Gabriel, Univ of Alabama at Birmingham, Birmingham, AL; Kelley R Evenson, Univ of NC - Chapel Hill, Chapel Hill, NC; Pablo

Martinez-Amezcuca, Univ of Columbia, New York, NY; B Gwen Windham, UMMC, The MIND Ctr, Jackson, MS; Priya Palta, Columbia Univ Medical Ctr, New York, NY

**MP30 Circulating MicroRNA-128-1 And Changes In Energy Metabolism And Insulin Sensitivity In Response To Weight Loss Diet Interventions: The Pounds Lost Trial**

**Yoriko Heianza**, Qiaochu Xue, Tulane Univ Sch of Public Health and Tropical Med, New Orleans, LA; Jennifer Rood, Pennington Biomedical Res Cent, Baton Rouge, LA; George Bray, Pennington Res Inst, Baton Rouge, LA; Frank Sacks, Harvard T.H. Chan Sch of Public Health, Boston, MA; Lu Qi, Tulane Univ Sch of Public Health and Tropical Med, New Orleans, LA

**MPS.02.06 Nutrition and Diet**

**MP31 Telehealth Versus Self-directed Lifestyle Intervention To Promote Healthy Blood Pressure: A Randomized Controlled Trial**

**Alex R Chang**, Geisinger, Danville, PA; Christina Yule, Danville, PA; Heather Bonaparte, Geisinger, Danville, PA; Charlotte Collins, GEISINGER, Danville, PA; Allison Naylor, GEISINGER, Danville, PA, Montoursville, PA; Lawrence J Appel, JOHNS HOPKINS MEDICAL INSTITUTIONS, Baltimore, MD; Stephen P Juraschek, BIDMC-Harvard Medical Sch, Auburndale, MA; Lisa Bailey-Davis, Geisinger, Danville, PA

**MP32 Healthy Dietary Patterns Are Associated With The Gut Microbiome In The Hispanic Community Health Study/Study Of Latinos (HCHS/SOL)**

**Brandilyn A Peters**, Jiaqian Xing, Albert Einstein Coll of Med, Bronx, NY; Guo-Chong Chen, Suzhou; Mykhaylo Usyk, Zheng Wang, Albert Einstein Coll of Med, Bronx, NY; Amanda McClain, San Diego State Univ, San Diego, CA; Bharat Thyagarajan, Univ of Minnesota, Minneapolis, MN; Martha L Daviglus, UNIVERSITY ILLINOIS CHICAGO, Chicago, IL; Daniela Sotres-Alvarez, UNC Chaple Hill, CHAPEL HILL, NC; Frank B Hu, HARVARD SCHOOL OF PUBLIC HEALTH, Boston, MA; Rob Knight, Univ of California San Diego, San Diego, CA; Robert D Burk, Robert C Kaplan, Albert Einstein Coll of Med, Bronx, NY; Qibin Qi, ALBERT EINSTEIN COLLEGE OF MEDICINE, Bronx, NY

**MP33 Ultra-processed Food Attenuates The Association Of Nutri-score Front-of-pack Label With All-cause Mortality Risk In The Moli-sani Study Cohort**

**Marialaura Bonaccio**, Emilia Ruggiero, IRCCS NEUROMED, Pozzilli, Italy; Augusto Di Castelnuovo, Mediterranea Cardiocentro, Napoli, Italy; Simona Costanzo, IRCCS Neuromed, Pozzilli, Italy; Simona Esposito, IRCCS NEUROMED, Pozzilli, Italy; Chiara Cerletti, IRCCS Neuromed, Pozzilli, Italy; Maria Benedetta Donati, IRCCS Neuromed, Pozzilli, Italy, Pozzilli, Italy; Giovanni de Gaetano, IRCCS Neuromed, Pozzilli, Italy; Licia Iacoviello, IRCCS NEUROMED (Pozzilli, Italy) and Univ of Insubria (Varese, Italy), Pozzilli, Italy

**MP35 Circulating MicroRNA-21 And Cardiovascular Risk Reduction In Response To Weight-loss Diets: The Preventing Overweight Using Novel Dietary Strategies (POUNDS Lost) Trial**

**Qiaochu Xue**, Tulane Univ, New Orleans, LA; Yoriko Heianza, TULANE UNIVERSITY, New Orleans, LA; Xiang Li, Hong-Wen Deng, Tulane Univ, New Orleans, LA; Jennifer Rood, Pennington Biomedical Res Cent, Baton Rouge, LA; George Bray, Pennington Res Inst, Baton Rouge, LA; Frank Sacks, Pennington Res Inst, Baton Rouge, LA, Concord, MA; Lu Qi, TULANE UNIVERSITY, New Orleans, LA

**MP36 Association Between The Quality Of Plant-based Diets And Risk Of Frailty**

**Mercedes Sotos-Prieto**, Ellen A Struijk, Univ Autonomous of Madrid, Madrid, Spain; Teresa T Fung, Simmons Univ, Boston, MA, Boston, MA; Fernando Rodriguez-Artalejo, Univ Autonomous of Madrid, Madrid, Spain; Walter Willett, Frank B Hu, Harvard T.H. Chan Sch of Public Health, Boston, MA; Esther Lopez-Garcia, Autonoma Univ of Madrid, Madrid, Spain

**MPS.02.07 Traditional Risk Factors in Cardiometabolic Disease**

- MP37 **Contributions Of Social Determinants Of Health And Cardiometabolic Risk Factors To Racial/ethnic Disparities In Premature Mortality In The United States**  
**Kathryn Foti**, Johns Hopkins, Baltimore, MD; Dan Wang, Baltimore, MD; Yvonne Commodore-Mensah, Johns Hopkins Sch of Nursing, Baltimore, MD; Josef Coresh, JOHNS HOPKINS SPH WELCH CENTER, Baltimore, MD; Elizabeth Selvin, JOHNS HOPKINS UNIVERSITY, Baltimore, MD
- MP38 **Gender Differences In Temporal Trends Of Cardiovascular Health In Young US Adults**  
**So Mi J Cho**, Broad Inst of MIT and Harvard, Cambridge, MA; Sara Haidermota, Michael Honigberg, Pradeep Natarajan, Massachusetts General Hosp, Boston, MA
- MP39 **Association Of Race And Ethnicity On The Management Of Acute Non-st Elevation Myocardial Infarction**  
**Tarryn Tertulien**, Stephen T Broughton, UPMC, Pittsburgh, PA; Gretchen Swabe, Utibe Essien, Jared W Magnani, UNIVERSITY OF PITTSBURGH, Pittsburgh, PA
- MP40 **Associations Of Dietary Macronutrient And Fatty Class Composition With All-Cause And Cardiovascular Mortality: Data From National Health And Nutrition Examination Survey 1999-2014**  
**Nicholas A Koemel**, Alistair M Senior, David S Celermajer, Amanda Grech, Tim P Gill, David Raubenheimer, Stephen J Simpson, Michael R Skilton, The Univ of Sydney, Sydney, Australia
- MP41 **Associations Of Neighborhood Food And Physical Activity Environments In Young Adulthood With Cardiovascular Health (CVH) In Midlife: The Coronary Artery Risk Development In Young Adults (CARDIA) Study**  
**Seong Park**, Northwestern Univ Feinberg Sch of Med, Chicago, IL; Mandy Wong, Northwestern Univ, Chicago, IL; Kiarri N Kershaw, NORTHWESTERN UNIVERSITY, Chicago, IL; Catarina I Kiefe, UNIV OF MASSACHUSETTS MEDICAL SCHOO, Sterling, MA; Penny Gordon-larsen, UNC-CHAPEL HILL, Chapel Hill, NC
- MP42 **Physical Activity And Clinical Outcomes Among Older Adults With Atrial Fibrillation**  
**Jordy Mehawej**, UMass Medical Sch, Worcester, MA; Qiyang Dai, Saint Vincent Hosp, Worcester, MA; Jane Saczynski, Northeastern Univ, Boston, MA; Khanh-van T Tran, UMASS Memorial Medical Ctr, Worcester, MA; Essa Hariri, Cleveland Clinic, Cleveland, OH; Hawa O Abu, St Vincent Hosp, Worcester, Worcester, MA; Tenes Paul, Univ of Massachusetts Medical, Worcester, MA; Andreas Filippaios, Univ of Massachusetts Medical Sch, Worcester, MA; Catarina I Kiefe, UNIV OF MASSACHUSETTS MEDICAL SCHOO, Sterling, MA; Mayra Tisminetzky, UNIVERSITY MASSACHUSETTS, Worcester, MA; Weijia Wang, UMass, Worcester, MA; Apurv Soni, UMass Medical Sch, Worcester, MA; Robert Goldberg, UNIV OF MASSACHUSETTS MED SCHOOL, Worcester, MA; David D McManus, UMMS, Worcester, MA

## **MPS.02.08      Psychosocial**

- MP43 **Motivational Profiles Are Cross-sectionally Associated With Psychological And Physical Health Outcomes Among Young Adult Yoga Practitioners**  
**Eydie N Kramer-Kostecka**, Jayne A Fulkerson, Nancy E Sherwood, Daheia J Barr-Anderson, Nicole Larson, Dianne Neumark-Sztainer, Univ of Minnesota, Minneapolis, MN
- MP44 **Adolescent Team Sports Participation, Adiposity, And Inflammation Among Young Adult Child Maltreatment Survivors**  
**Alison L Cammack**, Emory Univ, Atlanta, GA; Shakira F Suglia, Emory UNIVERSITY, Atlanta, GA
- MP45 **Metabolomic Profiling Provides Novel Insights Into The Biochemical Mechanism Of Mental Stress-induced Ischemia**

**Zakaria Almuwaqqat**, EMORY UNIVERSITY, Brookhaven, GA; Chang Liu, Kasra Moazzami, Decatur, GA; Amit J Shah, Yan Sun, EMORY UNIVERSITY, Atlanta, GA; J Douglas Bremner, Dean Jones, Emory Univ, Atlanta, GA; Viola Vaccarino, Emory University, Atlanta, GA; Arshed A Quyyumi, EMORY UNIVERSITY, Atlanta, GA

**MP46 Adverse Childhood Experiences Are Linked To Disrupted Sleep And Diurnal Cortisol Concentrations In Young Adult Women.**

**Nathaniel D Jenkins**, Univ of Iowa, Iowa City, IA; Emily Rogers, Iowa City, IA; Nile Banks, Iowa City, IA, Iowa City, IA; Patrick Tomko, Kent State Univ, Kent, OH; Christina Sciarrillo, Sam Emerson, Oklahoma State Univ, Stillwater, OK; Ashlee Taylor, Kent Teague, Univ of Oklahoma, Tulsa, OK

**MP47 IFN $\gamma$ -Mediated Associations Between Chronic Stress Related-Neural Activity And PCSK9: Data From The Washington, D.C. Cardiovascular Health And Needs Assessment**

**Lola R Ortiz-Whittingham**, Natl Insts of Health, Bethesda, MD; Yvonne Baumer, NIH, Bethesda, MD; Billy Collins, Natl Insts of Health, Bethesda, MD; Valerie Mitchell, Natl Insts of Health, Bethesda, MD, Bethesda, MD; Nicole Farmer, NIH Clinical Ctr, Bethesda, MD; Tiffany M Powell-Wiley, NATIONAL INSTITUTES OF HEALTH, Silver Spring, MD

**MP48 Daily Spiritual Experiences And Allostatic Load Trajectories In Midlife African American Women**

**Elizabeth A Williams**, East Carolina Univ, Greenville, NC; Yamnia I Cortes, Univ of North Carolina - CH, Chapel Hill, NC; Shuo Zhang, Univ of North Carolina - CH, Chapel Hill, NC, Cary, NC; Latesha K Harris, Univ of North Carolina - CH, Chapel Hill, NC, Cary, NC, Chapel Hill, NC

**MPS.02.09 NHBLI Moderated Poster Session**

**For a listing of these posters, please see the NHLBI program on the website**

**POSTERS**

**PS.02.13 Arrhythmia | Sudden Death**

**P082 Association Of Breast Arterial Calcification With Atrial Fibrillation Among Postmenopausal Women**

**Carlos Iribarren**, Malini Chandra, Rishi V Parikh, Gabriela Sanchez, KAISER PERMANENTE, Oakland, CA; Danny L Sam, KAISER PERMANENTE, Santa Clara, CA; Farima F Azamian, UC Irvine Sch of Med, Irvine, CA; Hyo-Min Cho, Korea Res Inst of Standards and Science, Daejeon, Korea, Republic of; Huanjun Ding, Sabee Molloy, UC Irvine Sch of Med, Irvine, CA; Alan S Go, KAISER PERMANENTE, Oakland, CA

**P083 Predicting Dementia In Heart Failure And Atrial Fibrillation**

Sheila M Manemann, **Alanna M Chamberlain**, Suzette Bielinski, MAYO CLINIC, Rochester, MN; Ruoxiang Jiang, Mayo clinic, rochester, MN; Susan Weston, Mayo Clinic, Rochester, MN; Veronique L Roger, NIH, Bethesda, MD

**PS.02.14 Biomarkers**

**P084 Sex Differences In Testosterone On Interleukin-6 At Baseline And In Response To Mental Stress**

**Samaah Sullivan**, UT Health Science Ctr Houston, Dallas, TX; An Young, Mariana Garcia, Zakaria Almuwaqqat, Kasra Moazzami, Brad Pearce, Allison Hankus, Emily G. Driggers, Lisa Elon, Oleksiy Levantsevych, Mhmtjamil Alkhalaf, Mohamad Nour Jajeh, Amit J Shah, Tene T Lewis, J Douglas Bremner, Arshed A Quyyumi, Viola Vaccarino, Emory Univ, Atlanta, GA

- P085 **Plasma Pro-enkephalin A And Incident Cognitive Impairment In The Regards Cohort**  
**Samuel A Short**, Univ of Vermont Larner Coll of Med, Burlington, VT; Katherine Wilkinson, Colchester, VT; Janin Schulte, Miguel Arce, Colchester, VT, Hennigsdorf; Jennifer Manly, Columbia Univ IMedical Ctr, New York, NY; Katharine L Cheung, Columbia Univ IMedical Ctr, New York, NY, Burlington, VT; Charles D Nicoli, Walter Reed Natl Military Med Ctr, Bethesda, MD; Virginia J Howard, UNIVERSITY OF ALABAMA-BIRMINGH, Birmingham, AL; Mary Cushman, UNIVERSITY VERMONT, Colchester, VT
- P086 **Endothelial Dysfunction Markers And Incident Chronic Kidney Disease In The Regards Cohort**  
**Samuel Short**, Univ of Vermont Larner Coll of Med, Burlington, VT; Katherine Wilkinson, Colchester, VT; Leann Long, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL; Deidra Crews, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL, Baltimore, MD; Orlando M Gutierrez, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL; Marguerite M Irvin, UNIVERSITY ALABAMA BIRMINGHAM, Birmingham, AL; Marsha Wheeler, Univ of Washington, Seattle, WA; Mary Cushman, UNIVERSITY VERMONT, Colchester, VT; Katharine L Cheung, UNIVERSITY VERMONT, Colchester, VT, Burlington, VT
- P087 **Distinct Associations Between Abdominal Muscle Density And Area With N-terminal Pro-b-type Natriuretic Peptide Among Mesa Participants**  
**Maira Tristao Parra**, Isaac Sada , Univ of California, San Diego, La Jolla, CA; Rebecca Gold, UCSD Sch of Med, La Jolla, CA; Amelia Eastman, Univ of California, San Diego, La Jolla, CA; Chantal A Vella Jr., UNIV OF IDAHO, Moscow, ID; Candice Price, UNIV OF IDAHO, Moscow, ID, Sacramento, CA; Iva Miljkovic, UNIVERSITY PITTSBURGH, Pittsburgh, PA; Matthew A Allison, Univ of California San Diego, La Jolla, CA
- P088 **Valvular Heart Disease Stages And Biomarkers Of Myocardial Stress And Injury Among Older Adults In The Community: The Atherosclerosis Risk In Communities Study**  
**Khaled Shelbaya**, Brigham and Women's Hosp, Boston, MA; Pranav Dorbala, Lexington, MA; Brian Claggett, Brigham and Women's Hosp, Boston, MA; Hicham Skali, BRIGHAM and WOMENS HOSPITAL, Boston, MA; Scott Solomon, Brigham and Women's Hosp, Boston, MA; Kunihiro Matsushita, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Suma H Konety, UNIVERSITY MINNESOTA, Minneapolis, MN; Thomas Mosley Jr., UNIV MS MEDICAL CTR, Jackson, MS; Amil M Shah, BRIGHAM AND WOMEN S HOSPITAL, Boston, MA
- P089 **N-terminal Pro-B-type Natriuretic Peptide And Incident Metabolic Syndrome And Its Components In REGARDS**  
**Charles D Nicoli**, Walter Reed Natl Military Medical Ctr, Bethesda, MD; Tim B Plante, Univ of Vermont, Colchester, VT; Leann Long, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL; Leslie A McClure, DREXEL UNIVERSITY, Philadelphia, PA; Suzanne E Judd, UAB, Birmingham, AL; April P Carson, Univ of Alabama at Birmingham, Birmingham, AL; Mary Cushman, UNIVERSITY VERMONT, Colchester, VT
- P090 **Utility Of High-sensitivity Cardiac Troponin T For Short-term Cardiovascular Risk Monitoring In The General Population**  
**Olive Tang**, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Dan Wang, Baltimore, MD; Kunihiro Matsushita, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Josef Coresh, JOHNS HOPKINS SPH WELCH CENTER, Baltimore, MD; Ron C Hoogeveen, BAYLOR COLLEGE MEDICINE, Houston, TX; John William McEvoy, Natl Univ of Ireland, Galway, Galway, Ireland; Chiadi E Ndumele, JOHNS HOPKINS HOSPITAL, Baltimore, MD; Christie M Ballantyne, BAYLOR COLLEGE MEDICINE, Houston, TX; Elizabeth Selvin, JOHNS HOPKINS UNIVERSITY, Baltimore, MD

- P091 **Performance Of Glycated Albumin As A Marker Of Hyperglycemia During Pregnancy: Results From The National Health And Nutrition Examination 1999-2004**  
**Mary R Rooney**, Johns Hopkins Univ, Baltimore, MD; Sui Zhang, Baltimore, MD; Anum Aha Minhas, Michael Fang, Johns Hopkins Univ, Baltimore, MD; Justin Echouffo Tcheugui, Johns Hopkins Hosp, Ellicott City, MD; Morgan Grams, Johns Hopkins Hosp, Ellicott City, MD, Baltimore, MD; Robert H Christenson, Univ of Maryland Med Sch, Baltimore, MD; Elizabeth Selvin, JOHNS HOPKINS UNIVERSITY, Baltimore, MD
- P092 **Cell Adhesion Molecules And Incident Hypertension In Black And White Adults: The REasons For Geographic And Racial Differences In Stroke (REGARDS) Study**  
**Tyler A Harkness**, Univ of Vermont, Burlington, VT; Katherine Wilkinson, Colchester, VT; Ying Loo, Univ of Vermont, Burlington, VT; George Howard, SCHOOL PUBLIC HEALTH, Birmingham, AL; Virginia J Howard, UNIVERSITY OF ALABAMA-BIRMINGHAM, Birmingham, AL; Mary Cushman, UNIVERSITY VERMONT, Colchester, VT; Neil A Zakai, UNIVERSITY OF VERMONT, Colchester, VT; Katharine L Cheung, UNIVERSITY OF VERMONT, Colchester, VT, Burlington, VT; Suzanne E Judd, UAB, Birmingham, AL; Timothy B Plante, Univ of Vermont, Colchester, VT
- P093 **Subclinical Thyroid Dysfunction And Fracture Risk In The Atherosclerosis Risk In Communities Study (ARIC)**  
**Natalie Daya Malek**, Johns Hopkins Univ, Baltimore, MD; Anna E Fretz, Univ of California, San Francisco, Baltimore, MD; Seth S Martin, JOHNS HOPKINS HOSPITAL, Baltimore, MD; Pamela L Lutsey, UNIVERSITY OF MINNESOTA, Minneapolis, MN; Anna Kottgen, FREIBURG UNIV, Freiburg; Justin Echouffo Tcheugui, Johns Hopkins Hosp, Baltimore, MD; Elizabeth Selvin, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Stephen P Juraschek, BIDMC-Harvard Medical Sch, Auburndale, MA

#### **PS.02.15 Childhood and Youth**

- P094 **Awareness Of Cardiovascular Disease Is Low Among Young Women And Varies By Region**  
**Sierra Patterson**, Emory Univ, Atlanta, GA; Hannah Palfrey, Sarah D De Ferranti, BOSTON CHILDRENS HOSPITAL, Boston, MA; Holly Gooding, Emory Univ Sch of Med, Atlanta, GA
- P095 **Associations Of Age At Menarche With Blood Pressures In Childhood And Adulthood**  
**Maria P Santos**, Tulane Univ Sch of Public Health and Tropical Med, New Orleans, LA; Yaling Li, Tulane Univ Sch of Public, New Orleans, LA; Lydia A Bazzano, TULANE UNIVERSITY, New Orleans, TX; Jiang He, TULANE UNIVERSITY, New Orleans, LA; Sylvia H Ley, Tulane Univ Sch of Public, New Orleans, LA
- P096 **Developing A Lifestyle-Based Cardiovascular Health Tool For Teens**  
Elizabeth Zeichner, Kolbi Bradley, Sierra Patterson, **Holly C Gooding**, Emory Univ Sch of Med, Atlanta, GA
- P097 **The Missing Link In Current Prevention Strategies Focused On Reducing CVD Risk Among Youth: Youth's Mental Health**  
**Jill L Kaar**, Univ of Colorado, Aurora, CO; Anne Bowen, Children's Hosp Colorado, Aurora, CO; Melissa Pangelinan, Auburn Univ, Auburn, AL; Christina Studts, Univ of Colorado, Aurora, CO; Lauren Shomaker, Colorado State Univ, Fort Collins, CO; Stacey Simon, Univ of Colorado, Aurora, CO

#### **PS.02.16 Clinical Trials and Interventional Studies**

- P098 **Feasibility Of Training Primary Care Staff To Conduct Weight Maintenance Coaching Through The Electronic Health Record During Routine Clinical Work: Initial Results From The Maintain Prime Study**

Maribel Cedillo, UNIVERSITY OF UTAH, Salt Lake City, UT; Jesell Zepeda, UNIVERSITY OF UTAH, Salt Lake Cty, UT; Bernadette Kiraly, UNIVERSITY OF UTAH, Salt Lake City, UT; Michael Flynn, Charlene Weir, Teresa Taft, Emily Zheutlin, Polina Kukhareva, Kensaku Kawamoto, **Molly B Conroy**, UNIVERSITY OF UTAH, Salt Lake Cty, UT

- P099 **Fixed-dose Combination Therapy-based Protocol Compared With Nigeria'S National Hypertension Treatment Protocol: Results Of A Cluster Randomized Trial**  
**Olutobi Sanuade**, Northwestern Univ Feinberg Sch of Med, Chicago, IL; Boni Ale, Holo Healthcare Limited, Nairobi, Kenya; IKECHUKWU ANTHONY ORJI, Univ of Abuja, Nigeria, Abuja; Tunde Ojo, Cardiovascular Res Unit, Univ of Abuja Teaching Hosp, Gwagwalada, Abuja, Nigeria; Grace Shedul, Univ of Abuja Teaching Hosp, Abuja, Nigeria; Eugenia Ugwunjeji, Nonye Egenti, Univ of Abuja Teaching Hosp, Abuja, Nigeria, Abuja; Kasarachi Omitiran, Rosemary Okoli, Helen Eze, Ada Nwankwo, Lisa Hirschhorn, Northwestern Univ, Chicago, IL; Aashima Chopra, Aurora, IL; Jiancheng Ye, Aurora, IL, Chicago, IL; Priya Tripathi, Aurora, IL, Chicago, IL, Chicago, IL; Bolanle Banigbe, Boston Univ, Massachusetts, MA; Namratha Kandula, NORTHWESTERN UNIVERSITY, Chicago, IL; Mark D Huffman, Northwestern Univ, Chicago, IL; Dike Ojji, Univ of Abuja, Gwagwalada, Abuja
- P100 **Changes In Adiponectin But Not Tnf $\alpha$  Predict Changes In Insulin Sensitivity Following Health Behavior Intervention Among Latino Youth**  
**Armando Pena**, Abigail Colburn, Arizona State Univ, Phoenix, AZ; Eucharia Chinwe Nwabichie, El Mirage, AZ; Dorothy D Sears, Arizona State Univ, Phoenix, AZ; Sonia Vega Lopez, Micah Olson, ARIZONA STATE UNIVERSITY, Phoenix, AZ; Stephanie Ayers, Arizona State Univ, Phoenix, AZ; William Knowler, NIDDK, Phoenix, AZ; Gabriel Shaibi, Arizona State Univ, Phoenix, AZ

## **PS.02.17 Global Health**

- P101 **The Double Burden Of Malnutrition Among Women And Preschool Children In Low- And Middle-income Countries: A Scoping Review And Thematic Analysis Of The Literature**  
**Jason Mulimba Were**, Saverio Stranges, Ishor Sharma, Juan Camilo Vargas-Gonzalez, M. Karen Campbell, Western Univ, London, ON, Canada
- P102 **Comparison Of Existing Cardiovascular Risk Prediction Models In Haiti: Implications For Primary Prevention In Lower-income Countries**  
**Lily D Yan**, Weill Cornell Med, New York, NY; Jean Lookens Pierre, Vanessa Rouzier, GHESKIO, Port-au-Prince, Haiti; Michel Théard, Collège Haïtien de Cardiologie, Port-au-Prince, Haiti; Alexandra Apollon, Stephano St-Preux, GHESKIO, Port-au-Prince, Haiti; Justin Kingery, Weill Cornell Med, New York, NY; Kenneth A. Jamerson, Univ Michigan Med Ctr, Ann Arbor, MI; Marie Deschamps, Jean W Pape, GHESKIO, Port-au-Prince, Haiti; Monika M Safford, WEILL CORNELL MEDICINE, New York, NY; Margaret McNairy, Weill Cornell Med, New York, NY
- P103 **Perceived Stress, Social Support, And Blood Pressure In Urban Haiti**  
**Jean Lookens Pierre**, GHESKIO, Port-au-Prince, Haiti; Lily Du Yan, Weill Cornell Med, New York, NY; Vanessa Rouzier, GHESKIO, Port-au-Prince, Haiti; Jessy G Devieux, Dept of Health Promotion and Disease Prevention, Robert Stempel Coll of Public Health and Social Work, Florida Intl Univ, Miami, FL; Linda M GERBER, WEILL CORNELL MEDICAL COLLEGE, New York, NY; Alexandra Apollon, Stephano St-Preux, GHESKIO, Port-au-Prince, Haiti; Miranda Metz, Weill Cornell Med, New York, NY; Marie Deschamps, Jean William Pape, GHESKIO, Port-au-Prince, Haiti; Margaret McNairy, Weill Cornell Med, New York, NY
- P104 **High Lead Levels Associated With Elevated Blood Pressure In Haiti: A Warning Sign**  
**Lily D Yan**, Weill Cornell Med, New York, NY; Vanessa Rouzier, Jean Lookens Pierre, GHESKIO, Port-au-Prince, Haiti; Myung Hee Lee, Weill Cornell Med, New York, NY; Paul Muntner, UNIVERSITY ALABAMA BIRMINGHAM, Birmingham, AL; Patrick J Parsons,

Wadsworth Ctr, New York State Dept of Health, Albany, NY; Alexandra Apollon, GHESKIO, Port-au-Prince, Haiti; Rodolphe Malebranche, Collège Haïtien de Cardiologie, Port-au-Prince, Haiti; Gerard D. Pierre, Collège Haïtien de Cardiologie, Port Au Prince, Haiti; Evens Emmanuel, École doctorale Société et Environnement, Univ Quisqueya, Port-au-Prince, Haiti; Denis Nash, City Univ of New York Inst for Implementation Science in Population Health, New York, NY; Justin Kingery, Kathleen F Walsh, Weill Cornell Med, New York, NY; Caleigh Smith, Univ of Virginia Sch of Med, Charlottesville, VA; Miranda Metz, Weill Cornell Med, New York, NY; Olga Tymejczyk, CUNY Sch of Public Health, New York, NY; Marie Deschamps, Jean William Pape, GHESKIO, Port-au-Prince, Haiti; Daniel FITZGERALD, New York, NY; Margaret Mcnairy, Weill Cornell Med, New York, NY

## **PS.02.18 Health Services Research, Outcomes and Practice Improvement**

- P105 **Bypasses To Below-Knee Arteries May Expedite Amputation In Patients With Claudication**  
**Corey A Kalbaugh**, Brian Witrick, Kerry A Howard, Clemson Univ, Clemson, SC; Katharine L McGinagle, Univ of North Carolina, Chapel Hill, NC; Catherine R Lesko, Johns Hopkins Univ, Baltimore, MD
- P106 **Estimating The Difference In CVD Prevalence Among Patients With OUD Identified By NLP & ICD-10-CM Codes Using EHR Data**  
**Jade Singleton**, Peter Akpunonu, Erin Abner, Univ of Kentucky, Lexington, KY; Anna Kucharska-newton, UNIVERSITY NORTH CAROLINA, Chapel Hill, NC
- P107 **Trends In Oral Anticoagulation Therapy In Non-valvular Atrial Fibrillation Patients At High-risk Of Stroke After The 2019 AHA/ACC/HRS Update For The Management Of Patients With Atrial Fibrillation Guidelines**  
**Camille Brod**, Univ of Minnesota Medical Sch - Duluth Campus, Duluth, MN; Nicole Groth, Essentia Health, Hermantown, MN; Macaela Rudeck, Catherine P Benziger, Essentia Health, Duluth, MN
- P108 **Natural Language Processing Extracted Social And Behavioral Determinants Of Health And Newer Glucose-lowering Drug Initiation Among Real-world Patients With Type 2 Diabetes**  
**Jingchuan Guo**, Yonghui Wu, Yi Guo, Aokun Chen, Univ of Florida, Gainesville, FL; Zehao Yu, Univ of Florida, GAINESVILLE, FL; Xi Yang, Univ of Florida, Gainesville, FL; Jared W Magnani, UNIVERSITY OF PITTSBURGH, Pittsburgh, PA; Inmaculada Hernandez, Univ of California San Diego, San Diego, CA; LaToya O'Neal, Elizabeth Shenkman, Jiang Bian, Univ of Florida, Gainesville, FL

## **PS.02.19 Hypertension 2**

- P109 **Association Of The 2017 ACC/AHA Blood Pressure Guideline With Blood Pressure Change In Community-dwelling Older Adults Between 2016-2019: A Difference-in-differences Analysis In The ARIC Study**  
**Michael C Wang**, Northwestern Univ Feinberg Sch of Med, Chicago, IL; Lucia Petito, Northwestern Univ, Chicago, IL; Lindsay Pool, NORTHWESTERN UNIVERSITY, Chicago, IL; Kathryn Foti, Johns Hopkins, Baltimore, MD; Stephen P Juraschek, BIDMC-Harvard Medical Sch, Auburndale, MA; John William McEvoy, NUI Galway, Galway, Ireland; Vijay Nambi, Baylor Coll of Med, Houston, TX; Mercedes R Carnethon, NORTHWESTERN UNIVERSITY, Chicago, IL; Erin D Michos, Johns Hopkins Sch of Med, Baltimore, MD; Sadiya Khan, Johns Hopkins Sch of Med, Baltimore, MD, Chicago, IL
- P110 **Examining Health Literacy And Medication Adherence Among African Americans With Hypertension**



**Christiana O Oyekanmi**, Mary Joan McDuffie, Erin Lynch, Asli McCullers, Yendelela Cuffee, Univ of Delaware, Newark, DE

- P111 **Differentially Methylated DNA Regions In Left Ventricular Hypertrophy: A HyperGEN Study**  
**Alana C Jones**, Univ of Alabama-Birmingham, Birmingham, AL; Amit Patki, UAB, Birmingham, AL; Hemant K Tiwari, Ninad S Chaudhary, Univ of Alabama at Birmingham, Birmingham, AL; Steven Claas, Univ of Kentucky, Lexington, KY; Donna K Arnett, UK, Lexington, KY; Marguerite M Irvin, UNIVERSITY ALABAMA BIRMINGHAM, Birmingham, AL
- P113 **Increasing Fruit And Vegetable Intake Prevents Incident Cardiovascular Disease And Cardiovascular Deaths**  
**Azuka Atum**, Susan Hennessy, Joanne Penko, Pamela Coxson, Pengxiao Wei, Ross Boylan, UCSF, San Francisco, CA; Brandon K Bellows, Yiyi Zhang, Andrew E Moran, Columbia Univ, New York, NY; Dhruv S Kazi, BIDMC, Boston, MA; Kirsten Bibbins-Domingo, UCSF, San Francisco, CA
- P114 **Effects Of Losartan And The Dash Diet On Serum Urate**  
**Noelle Castilla-Ojo**, BIDMC-Harvard Medical Sch, Boston, MA; Ruth-Alma N Turkson-Ocran, Johns Hopkins Univ, Baltimore, MD; Paul R. Conlin, VA Medical Ctr, Boston, MA; Lawrence J. Appel, Edgar R. Miller III, Johns Hopkins Univ, Baltimore, MD; Stephen P Juraschek, BIDMC-Harvard Medical Sch, Auburndale, MA
- P115 **Association Of Circulating And Fecal Butyrate And Other Short Chain Fatty Acids With Blood Pressure And Hypertension: Results From The SPIRIT Trial**  
**Curtis Tilves**, Hsin-Chieh Yeh, Johns Hopkins Univ, Baltimore, MD; Nisa Maruthur, Baltimore, MD; Stephen Juraschek, BETH ISRAEL DEACONESS MEDICAL CENTE, Boston, MA; Edgar R Miller II, JOHNS HOPKINS MEDICAL INSTITUTIONS, Baltimore, MD; Karen White, Johns Hopkins Univ, Baltimore, MD; Lawrence J Appel, JOHNS HOPKINS MEDICAL INSTITUTIONS, Baltimore, MD; Noel T Mueller, JOHNS HOPKINS UNIVERSITY, Baltimore, MD
- P116 **Hypertension Severity As Quantified By Hypertension Daily Dose (HDD) And Blood Pressure And Risk Of Stroke In The REGARDS Study** **Ying K Loo**, Univ of Vermont, Burlington, VT; Katherine Wilkinson, Larner Coll of Med at the Univ of Vermont, Colchester, VT; Tyler A Harkness, Larner Coll of Med at the Univ of Vermont, Burlington, VT; George Howard, SCHOOL PUBLIC HEALTH, Birmingham, AL; Virginia J Howard, UNIVERSITY OF ALABAMA-BIRMINGH, Birmingham, AL; Suzanne E Judd, UAB, Birmingham, AL; Neil A Zakai, UNIVERSITY OF VERMONT, Colchester, VT; Paul Muntner, UNIVERSITY ALABAMA BIRMINGHAM, Birmingham, AL; Lillian Min, Univ of Michigan, Ann Arbor, MI; Suzanne Oparil, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL; Timothy B Plante, Univ of Vermont, Colchester, VT
- P117 **Association Of Ambulatory Blood Pressure Monitoring Parameters With Left Ventricular Hypertrophy: Analysis Of Pooled Population- And Community-based Studies**  
**Swati Sakhuja**, Byron C. Jaeger, The Univ of Alabama At Birmingham, Birmingham, AL; Yuichiro Yano, Duke Univ, Durham, NC; Daichi Shimbo, Columbia Univ, New York, NY; Cora E. Lewis, The Univ of Alabama At Birmingham, Birmingham, AL; Donald Clark, Univ of Mississippi Medical Ctr, Jackson, MS; James M. Shikany, The Univ of Alabama At Birmingham, Birmingham, AL; Joseph E Schwartz, Stony Brook Univ, East Setauket, NY; Adolfo Correa, Univ of Mississippi Medical Ctr, Jackson, MS; Paul Muntner, The Univ of Alabama At Birmingham, Birmingham, AL
- P118 **Longitudinal Work Hour Patterns Associated With Hypertension Risk**

**Tia S. Lal**, UTHealth Sch of Public Health, Houston, TX; Sadie H. Conway, Smith Scientific LLC, Houston, TX; Ruosha Li, William B Perkison, Feng Zhang, UTHealth Sch of Public Health, Houston, TX; David Aguilar, Univ of Kentucky, Lexington, KY

**PS.02.20            Methodology**

- P119    **Conceptualizing Cultural Safety When Implementing A Community Based Substance Use Intervention Study Among Urban Native American Youth**  
**Rose Wimbish-Tompkins**, Univ of Texas at Austin, Forney, TX
- P120    **Latent Group Trajectory Methods To Study Type 2 Diabetes Epidemiology: A Review Of The Literature**  
**Sarah OConnor**, Inst universitaire de cardiologie et pneumologie de Québec -Univ Laval, Quebec, QC, Canada; **Miceline Mésidor**, Denis Talbot, Ctr de recherche du CHU de Québec – Univ Laval, Quebec, QC, Canada; **Paul Poirier**, Inst universitaire de cardiologie et pneumologie de Québec -Univ Laval, Quebec, QC, Canada; **Claudia Blais**, Inst national de santé publique du Québec, Quebec, QC, Canada; **Jacinthe Leclerc**, Univ du Québec à Trois-Rivières, Dept of Nursing, Trois-Rivières, QC, Canada
- P121    **Measuring The Impact Of Inaction On Health Disparities In Limb Amputation**  
**Corey A Kalbaugh**, Brian Witrick, Kerry A Howard, Clemson Univ, Clemson, SC; **Katharine L McGinagle**, Univ of North Carolina, Chapel Hill, NC; **Catherine R Lesko**, Johns Hopkins Univ, Baltimore, MD
- P122    **Addressed-based Sampling Of People Living In Rural Southeast Usa**  
**Edwin R van den Heuvel**, Eindhoven Univ of Technology, Eindhoven, Netherlands; **Robert P Agans**, William D Kalsbeek, Univ of North Carolina, Chapel Hill, NC; **Suzanne E Judd**, UAB, Birmingham, AL; **Vasan S Ramachandran**, Boston Univ, Boston, MA

**PS.02.21            Myocardial Infarction**

- P123    **IL1RN Gene Polymorphism And The Development Of Acute Myocardial Infarction In Young Patients**  
**Svetlana Glova**, Rostov State Medical Univ, Rostov - On - Don, Russian Federation
- P124    **Tissue Sequelae Of Myocardial Infarction In The Absence Of Obstructive Coronary Artery Disease: A Hybrid Clinical And Autopsy Study**  
**Juan T McCook**, Janelle O'Neal, NORTHWESTERN UNIV - FEINBERG SCHOOL, Chicago, IL; **Ashwin Sunderraj**, Chicago, IL; **Jon W Lomasney**, NORTHWESTERN UNIVERSITY, Chicago, IL; **Matthew J Feinstein**, NORTHWESTERN UNIV - FEINBERG SCHOOL, Chicago, IL
- P125    **Change In Low-density Lipoprotein Cholesterol And Risk Of Subsequent Cardiovascular Events Among Patients With Myocardial Infarction**  
**Sheila M Manemann**, MAYO CLINIC, Rochester, MN; **Sarah Cohen**, ToxStrategies, Cary, NC; **Stephanie R Reading**, Amgen, Newbury Park, CA; **Sina Noshad**, Amgen, Woodland Hills, CA; **Naimisha Movva**, ToxStrategies, Rockville, MD; **Susan Weston**, Jill Killian, Mayo Clinic, Rochester, MN; **Alanna Chamberlain**, MAYO CLINIC, Rochester, MN
- P126    **The 2020 Us Presidential Election, Sociopolitical Stress And Acute Cardiovascular Disease Hospitalizations**  
**Matthew T. Mefford**, Kaiser Permanente, Pasadena, CA; **Jamal S Rana**, KAISER PERMANENTE, Oakland, CA; **Kristi Reynolds**, KAISER PERMANENTE, Pasadena, CA; **Omesh N. Ranasinghe**, Kaiser Permanente, Pasadena, CA; **Murray A Mittleman**, Harvard Univ, Chestnut Hill, MA; **Jennifer Liu**, Kaiser Permanente, Oakland, CA; **Lei Qian**, Kaiser Permanente, Pasadena, CA; **Hui Zhou**, Kaiser Permanente, Pasadena, CA, Pasadena, CA; **Teresa N Harrison**, KAISER PERMANENTE SOUTHERN CA, Pasadena, CA; **Alan C Geller**, Harvard Univ,

Boston, MA; Richard P Sloan, Columbia Univ Medical Ctr, New York, NY; Elizabeth Mostofsky, HARVARD SCHOOL OF PUBLIC HLTH, Boston, MA; David R Williams, Harvard Univ, Boston, MA; Stephen Sidney, Kaiser Permanente Northern Cal, Oakland, CA

**P127 Differences By Gender In Autopsy-determined Myocardial Characteristics Following Myocardial Infarction**

**Janelle O'Neal**, Juan McCook, NORTHWESTERN UNIV - FEINBERG SCHOOL, Chicago, IL; Ashwin Sunderraj, Chicago, IL; Jon W Lomasney, NORTHWESTERN UNIVERSITY, Chicago, IL; Matthew J Feinstein, NORTHWESTERN UNIV - FEINBERG SCHOOL, Chicago, IL

**PS.02.22 Peripheral Artery Disease and Venous Thrombosis**

**P128 Prevalence Of Pre-frailty And Frailty In The Physical Activity Daily (PAD) Trial**

**Raymond Jones**, Ene M. Enogela, Emily L. Zumbro, Phonchit Soukhamneut, Tom W Buford, Univ of Alabama at Birmingham, Birmingham, AL; Caroline Richardson, Univ of Michigan Medical Sch, Ann Arbor, MI; Elizabeth A Jackson, Univ of Alabama at Birmingham, Birmingham, AL

**P129 Qanadli Index And SPESI Score Correlation With Echocardiographic Indexes In Patients With Submassive Pulmonary Embolism**

**Scott Reza Jafarian Kerman**, Rush Medical Ctr, Chicago, IL; Shokoufeh Hajsadeghi, Ali Shamsadini, Iran Univ of Medical Sciences, Tehran, Iran, Islamic Republic of

**P131 Cerebral Venous Sinus Thrombosis Risk Factors, Treatments, And Sequelae: 2011-2019**

**Rob F. Walker**, Univ of Minnesota, Minneapolis, MN; Pamela L Lutsey, UNIVERSITY OF MINNESOTA, Minneapolis, MN; Neil A Zakai, UNIVERSITY OF VERMONT, Colchester, VT; Richard F. Maclehorse, Univ of Minnesota, Minneapolis, MN; Diego Adrianzen-Herrera, Univ of Vermont, Burlington, VT; Alvaro Alonso, Emory Univ, Atlanta, GA; Terrence J. Adam, Univ of Minnesota, Minneapolis, MN

**P132 Self-reported Recreational Physical Activity And Incident Venous Thromboembolism Risk In The Women's Health Initiative**

**Laura B Harrington**, Eric Johnson, Kaiser Permanente Washington Health Res Inst, Seattle, WA; Michael J LaMonte, Univ at Buffalo - SUNY, Buffalo, NY; Matthew A Allison, Univ of California San Diego, La Jolla, CA; Charles B. Eaton, Brown Univ, Providence, RI; Jean Wactawski-Wende, Univ at Buffalo, Buffalo, NY; JoAnn E Manson, I-Min Lee, Harvard Medical Sch, Boston, MA; Majken K Jensen, Harvard T.H. Chan Sch of Public Health, Boston, MA; Gregory Wellenius, Boston Univ, Boston, MA; Christopher Kabrhel, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA; Andrea Z LaCroix, Univ of California San Diego, La Jolla, CA; Kenneth J Mukamal, Beth Israel Deaconess Medical Ctr, Boston, MA

**P133 Proteins Predicting The Risk Of Peripheral Artery Disease (PAD): The Atherosclerosis Risk In Community (ARIC) Study**

**Xiao Hu**, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Caitlin W Hicks, Johns Hopkins Hosp, Baltimore, MD; Jingsha Chen, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Yejin Mok, Johns Hopkins Univ, Baltimore, MD; Ron C Hoogeveen, BAYLOR COLLEGE MEDICINE, Houston, TX; Weihong Tang, UNIVERSITY OF MINNESOTA, Minneapolis, MN; Elizabeth Selvin, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Christie M Ballantyne, BAYLOR COLLEGE MEDICINE, Houston, TX; Hirofumi Tanaka, UNIVERSITY OF TEXAS AUSTIN, Austin, TX; Gerardo M Heiss, UNIVERSITY NORTH CAROLINA, Chapel Hill, NC; Josef Coresh, JOHNS HOPKINS SPH WELCH CENTER, Baltimore, MD; Kuni Matsushita, JOHNS HOPKINS UNIVERSITY, Baltimore, MD

**P134 Venous Thromboembolism Mortality And Trends In U.S. Adults 65+: 2011-2018**

**Katherine Giorgio**, Richard Macle hose, Rob Walker, Univ of Minnesota, Minneapolis, MN; Faye L Norby, Cedars Sinai Medical Ctr, Los Angeles, CA; Diego Adrianzen-Herrera, Univ of Vermont, Burlington, VT; Alvaro Alonso, Emory Univ, Atlanta, GA; Neil Zakai, Univ of Vermont, Burlington, VT; Pamela L Lutsey, UNIVERSITY OF MINNESOTA, Minneapolis, MN

### **PS.02.23      Pharmacoe pidemiology**

- P135 **Adherence To Direct Oral Anticoagulants Across Chronic Kidney Disease Status**  
**Yunwen Xu**, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Alex R Chang, Geisinger, Danville, PA; Lesley Inker, Geisinger, Danville, PA, Brookline, MA; Morgan Grams, Geisinger, Danville, PA, Brookline, MA, Baltimore, MD; Jung-im Shin, Johns Hopkins Univ, Baltimore, MD
- P136 **The Association Between Socioeconomic Status And Use Of Potentially Inappropriate Medications In Older Adults**  
**Jimin Hwang**, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Beini Lyu, Baltimore, MD; Shoshana Ballew, JOHNS HOPKINS BLOOMBERG, Baltimore, MD; Josef Coresh, JOHNS HOPKINS SPH WELCH CENTER, Baltimore, MD; Morgan Grams, JOHNS HOPKINS SPH WELCH CENTER, Baltimore, MD, Baltimore, MD; Jung-im Shin, Johns Hopkins Univ, Baltimore, MD

### **PS.02.24      Pregnancy and Maternal and Fetal Health**

- P137 **Maternal Or Parental Outcomes During Delivery Related Hospitalizations Among Pregnant Individuals With Obesity In The United States**  
**Muni Rubens**, Venkataraghavan Ramamoorthy, Anshul Saxena, Zhenwei Zhang, Md Ashfaq Ahmed, Emir Veledar, Baptist Health South Florida, Coral Gables, FL; Mahdi O Garelnabi, UMass, Lowell, MA; Agueda Hernandez, Baptist Health South Florida, Coral Gables, FL
- P138 **Post-partum Maternal Vascular Function Is Reduced In Preeclampsia And Preterm Births: A Pilot Study**  
**Janessa Snippen**, Eleanor Saffian, Medical Coll of Wisconsin, Milwaukee, WI; Nicole L Lohr, MEDICAL COLLEGE OF WISCONSIN, Milwaukee, WI; Jennifer McIntosh, Medical Coll of Wisconsin, Milwaukee, WI; Jacquelyn P Kulinski, MEDICAL COLLEGE OF WISCONSIN, Milwaukee, WI
- P139 **Changes In Sex Hormones In Premenopausal Black And White Women Associated With Childbearing: The Cardia Women's Study.**  
**Sadaf Dabeer**, Kennesaw State Univ, Kennesaw, GA; Katherine H Ingram, KENNESAW STATE UNIVERSITY, Kennesaw, GA; Duke Appiah, Texas Tech Univ Health Sciences Ce, Lubbock, TX; Melissa Wellons, vanderbilt university medical center, Nashville, TN; Catherine Kim, UNIV OF MICHIGAN, Ann Arbor, MI; Dhananjay Vaidya, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; David S Siscovick, NEW YORK ACADEMY MEDICINE, New York, NY; Cora E Lewis, UNIV ALABAMA BIRMINGHAM, Birmingham, AL; Charles Quesenberry, UNIV ALABAMA BIRMINGHAM, Birmingham, AL, Oakland, CA; Pamela Schreiner, UNIV MINNESOTA, Minneapolis, MN; Ronit Calderon-Margalit, Monika Sarkar, UNIV MINNESOTA, Minneapolis, MN, Seattle, WA; Erica P Gunderson, KAISER PERMANENTE NORTHERN CA, Oakland, CA
- P140 **Short-chain Fatty Acids Levels Are Lower In Women With Preeclampsia**  
**Jianbo H Zhao**, Tiange Liu, Johns Hopkins Univ, Baltimore, MD; Kristen McArthur, Baltimore, MD; Noel T Mueller, JOHNS HOPKINS UNIVERSITY, Baltimore, MD
- P141 **Infant Mortality Risk In Hypertensive Disorders Of Pregnancy**

**Angela M Malek**, Dulaney A Wilson, Medical Univ of South Carolina, Charleston, SC; Julio Mateus, Atrium Health, Charlotte, NC; Tanya N Turan, Daniel T Lackland, Kelly J Hunt, Medical Univ of South Carolina, Charleston, SC

**P142 Number Of Children Three Or More And Having First Child Before Age 22 Are Linked To Increased Risk Of All-cause Dementia**

**Dongshan Zhu**, Chunying Fu, Wenting Hao, Ctr for Health Management and Policy Res, Sch of Public Health, Cheeloo Coll of Med, Shandong Univ (NHC Key Lab of Health Economics and Policy Res), Jinan, China

**PS.02.25 Promoting and Measuring Health Behaviors**

**P144 Nutritional Intervention May Change Physical Activity Levels In Latino Families: A Cluster Randomized Control Trial**

**Tara A Shrout**, Colin King, Julie Denenberg, Amelia Eastman, Matthew A Allison, Univ of California San Diego, La Jolla, CA

**P145 Health Literacy And Self-care Practices Among Rural Appalachian Adults**

**Madeline Dunfee**, Brittany Smalls, Univ of Kentucky, Lexington, KY; Philip Westgate, Susan Westneat, Gia Mudd Martin, Univ of Kentucky, Lexington, KY; Nancy E Schoenberg, UNIV OF KENTUCKY, Lexington, KY

**P146 A Report On The Outcomes Of The Cleveland Clinic Community Care Health Challenges Project 2018 To 2019.**

**Chete Eze-Nliam**, Jonathan Holmes, Jacqueline Bailey, Nazleen Bharmal, Umesh Khot, Cleveland Clinic, Cleveland, OH

**P147 Characterizing Self-reported Religious Affiliation Among Patients With Vascular Disease And Associations With Health Risk Behaviors**

**Chloe A. Powell**, Gloria Y. Kim, John P. O'Connor, Mary E. Byrnes, Dawn M. Coleman, Matthew A. Corriere, Univ of Michigan, Ann Arbor, MI

**P148 Modifiable Obesogenic Behaviors Among Latino Adolescents With Suspected Non-alcoholic Fatty Liver Disease (NAFLD)**

**Luis A Rodriguez**, Anjali Gopalan, Malini Chandra, Jeanne A. Darbinian, Kaiser Permanente Div of Res, Oakland, CA; Louise C. Greenspan, Kaiser Permanente, Dept of Pediatrics, San Francisco, CA; Joan C Lo, Kaiser Permanente Northern CA, Oakland, CA

**PS.02.26 Subclinical Cardiovascular Disease**

**P149 The Relationship Between Daytime Sleepiness, Exhaustion, Fatigue, And Arterial Stiffness. The Atherosclerosis Risk In Communities (ARIC) Study**

**Michael A Newton**, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Gerardo M Heiss, UNIVERSITY NORTH CAROLINA, Chapel Hill, NC; Emma Barinas-Mitchell, Univ of Pittsburgh, Pittsburgh, PA; Pamela L Lutsey, Univ of Minnesota, Minneapolis, MN; Hirofumi Tanaka, UNIVERSITY OF TEXAS AUSTIN, Austin, TX; Kapuaola S Gellert, Univ of Hawaii, Honolulu, HI; Lee Stoner, Michelle L Meyer, Univ of North Carolina at Chapel Hill, Chapel Hill, NC

**P150 Blood Pressure Trajectories For 16 Years And The Development Of Left Ventricular Hypertrophy And Increased Left Atrial Size: The Korean Genome And Epidemiology Study**

**Ju-mi Lee**, Eulji Coll of Med, Daejeon, Korea, Republic of; Seong Hwan Kim, Korea Univ Ansan Hosp, Ansan, Korea, Republic of; Seung Ku Lee, Inst of Human Genomic Study, Korea Univ Ansan Hosp, Ansan, Korea, Republic of; Chol Shin, Korea Ansan Hosp, Gyeonggi-do,

Korea, Republic of; Jae-Hyeong Park, Dept of Cardiology in Internal Med, Sch of Med, Chungnam Natl Univ, Daejeon, Korea, Republic of

- P151 **Higher Gut Microbiota Diversity And Abundance Of Butyrogenic Species Are Associated With Lower Pulse Wave Velocity In The Baltimore Longitudinal Study Of Aging**  
**Moira K Differding**, Johns Hopkins Univ, Baltimore, MD; Toshiko Tanaka, Natl Inst on Aging, Baltimore, MD; Curtis Tilves, Johns Hopkins Public Health, Baltimore, MD; Adam P Spira, Johns Hopkins Univ, Baltimore, MD; Luigi Ferrucci, Natl Inst on Aging, Baltimore, MD; Noel T Mueller, JOHNS HOPKINS UNIVERSITY, Baltimore, MD
- P152 **The Association Between Menopause Age And Carotid Plaque In The Multi-Ethnic Study Of Atherosclerosis (MESA)**  
**Carla Rodriguez**, Johns Hopkins Sch of Med, Baltimore, MD; Oluseye Ogunmoroti, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Brigitte Kazzi, Johns Hopkins Sch of Med, Baltimore, MD; Seamus P Whelton, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Brian Rodriguez, Ross Univ Sch of Med, Miramar, FL; Olatokunbo I Osibogun, Florida Intl Univ, Miami, FL; Michael Honigberg, Massachusetts General Hosp, Boston, MA; Ritu Thamman, Univ of Pittsburgh, Pittsburgh, PA; Colleen Harrington, Univ of Massachusetts Chan Medical Sch, Worcester, MA; James H Stein, UNIV WISCONSIN MED SCH, Madison, WI; Erin D Michos, Johns Hopkins Sch of Med, Baltimore, MD

#### **PS.02.27 Surveillance**

- P153 **Racial/ethnic- And Education-level Differences In Poor, Intermediate, And Ideal Cardiovascular Health Among Women Of Reproductive Age: Behavioral Risk Factor Surveillance System, 2019**  
**Donald K Hayes**, Fatima Coronado, Nicole Ford, Jing Fang, Cheryl L Robbins, Jean Ko, Fleetwood V Loustalot, CDC, Atlanta, GA
- P154 **Reliability Of Cardiovascular Disease Surveillance In The National Longitudinal Study Of Adolescent To Adult Health**  
**Kurtis M Anthony**, Elyssa Trani, Timothy O Monbureau, Mary Jane M Hill, Laura R Loehr Sr., Kathleen M Harris, Allison E Aiello, Robert A Hummer, Eric A Whitsel, UNC Chapel Hill, Chapel Hill, NC
- P155 **Differential Incidence Trends In Non-traumatic Lower Limb Amputations In The Province Of Quebec, Canada: Does The Reduction Applies Equally In Both Sexes?**  
**Sarah OConnor**, Inst universitaire de cardiologie et pneumologie de Québec - Univ Laval, Quebec, QC, Canada; Claudia Blais, Elhadji Anassour Laouan Sidi, Inst national de santé publique du Québec, Quebec, QC, Canada; Jacinthe Leclerc, Dept of Nursing, Univ du Québec à Trois-Rivières, Trois-Rivières, QC, Canada; Paul Poirier, Inst universitaire de cardiologie et pneumologie de Québec - Univ Laval, Quebec, QC, Canada

### **POSTER SESSION 3**

**Thursday, March 3 5:00 – 7:00 PM**

#### **MODERATED POSTER SESSIONS**

##### **MPS.03.10 Sleep Behavior and Sleep Disorders**

- MP55 **Declining Annual Trends In Us Daily Sleep Duration Are Greater Among Racial/ethnic Minorities: Implications For Cardiometabolic Disease Disparities**  
**Michael A Grandner**, Andrew Tubbs, Sadia Ghani, Univ of Arizona, Tucson, AZ; Girardin Jean-Louis, Univ of Miami, Miami, FL; William Killgore, Fabian-Xose Fernandez, Univ of Arizona, Tucson, AZ

- MP56 **Sleep Regularity Modifies The Association Of Visceral Adiposity With Elevated Blood Pressure In Adolescents**  
**Natasha Morales-Ghinaglia**, Susan L Calhoun, Fan He, Jason Liao, Alexandros N Vgontzas, Edward O Bixler, Duanping Liao, Julio Fernandez-Mendoza, PENN STATE COLLEGE OF MEDICINE, Hershey, PA
- MP57 **Objectively-Assessed Sleep Duration And Incident Heart Failure: The Atherosclerosis Risk In Communities Study-Sleep Heart Health Study**  
**Brittanny M Polanka**, Univ of Minnesota, Minneapolis, MN; Yasuyuki Honda, Johns Hopkins Bloomberg Sch, Baltimore, MD; Lena Mathews, Johns Hopkins Bloomberg Sch, Baltimore, MD, Baltimore, MD; Amil M Shah, BRIGHAM AND WOMEN S HOSPITAL, Boston, MA; Chiadi E Ndumele, JOHNS HOPKINS HOSPITAL, Baltimore, MD; Patricia Chang, Univ of North Carolina, Chapel Hill, NC; Naresh M Punjabi, Univ of North Carolina, Chapel Hill, NC, Baltimore, MD; Pamela L Lutsey, UNIVERSITY OF MINNESOTA, Minneapolis, MN; Kuni Matsushita, JOHNS HOPKINS UNIVERSITY, Baltimore, MD
- MP58 **Eating Behaviors Influence Diet Quality: Impact Of Sleep Restriction**  
**Rocio Barragan**, Columbia Univ, New York, NY; Victoria Tam, COLUMBIA UNIVERSITY, New York, NY; Samantha Scaccia, Columbia Univ Medical Ctr, New York, NY; Justin Cochran, COLUMBIA UNIVERSITY, New York, NY; Arindam RoyChoudhury, Weill Cornell, Cornell Univ, New York, NY; Marie-Pierre St-Onge, COLUMBIA UNIVERSITY, New York, NY
- MP59 **Association Between Time-varying Sleep Quality Status And Hypertriglyceridemia Onset In Middle-aged Population**  
**Ga Bin Lee**, Sun Jae Jung, Dept of Preventive Med, Yonsei Univ Coll of Med, Seoul, Korea, Republic of; Eun Lee, Inst of Behavioral Science in Med and Dept of Psychiatry, Severance Hosp, Yonsei Univ Coll of Med., Seoul, Korea, Republic of; Song Vogue Ahn, Dept of Health Convergence, Ewha Womans Univ, Seoul, Korea, Republic of; Kyoung Min Kim, Div of Endocrinology, Dept of Internal Med, Yongin Severance Hosp, Yonsei Univ Coll of Med, Yongin, Korea, Republic of; Hyeon Chang Kim, Dept of Preventive Med, Yonsei Univ Coll of Med, Seoul, Korea, Republic of
- MP60 **Sleep Fragmentation, Sleep Medications, And Incident Heart Failure And Subtypes In Postmenopausal Women**  
**Miremad Moafi-Madani**, Michael Stephens, Brown Univ, Providence, RI; Mary Roberts, Ctr for Primary Care and Prevention, Care New England Medical Group/Primary Care and Specialty Services, Pawtucket, RI; Charles Eaton, Care New England-Brown Univ, Pawtucket, RI

### **MPS.03.11 Aging and Brain Health**

- MP61 **1-year Prognosis By Coronary Artery And Extra-coronary Calcification In The 75-and-older Population**  
**Yejin Mok**, Johns Hopkins Univ, Baltimore, MD; Yasuyuki Honda, Johns Hopkins Bloomberg Sch, Baltimore, MD; Frances Wang, Johns Hopkins Bloomberg Sch, Baltimore, MD, Diamond Bar, CA; Candace Howard, Univ of Mississippi Medical C, Jackson, MS; Aaron R Folsom, UNIVERSITY OF MINNESOTA, Minneapolis, MN; Josef Coresh, JOHNS HOPKINS SPH WELCH CENTER, Baltimore, MD; Matthew Budoff, The Lundquist Inst, Torrance, CA; Michael J Blaha, JOHNS HOPKINS HOSPITAL, Baltimore, MD; Kuni Matsushita, JOHNS HOPKINS UNIVERSITY, Baltimore, MD
- MP62 **Sex-specific Associations Of Vascular Risk Factors And Brain Mri Measures In The Framingham Offspring**  
**Rodica E Petrea**, Boston Univ Sch of Med/Framingham Heart Study, Boston, MA; Daniel Kojis, Boston Univ Sch of Public Health Dept of Biostatistics, Boston, MA; Matthew R Scott, Boston Univ Sch of Public Health Dept of Biostatistics, Boston, MA; Alexa S Beiser, Boston Univ Sch of Public Health Dept of Biostatistics, Boston Univ Sch of Med Dept of Neurology and

Framingham Heart Study, Boston, MA; Jose Rafael Romero, Boston Univ Sch of Med Dept of Neurology and Framingham Heart Study, Boston, MA; Charles De Carli, UCDCMC, Univ of California at Davis Dept of Neurology and Ctr for Neuroscience, Alzheimer's Disease Ctr and Imaging, Sacramento, CA; Sudha Seshadri, Boston Univ Sch of Med, Dept of Neurology and Framingham Heart Study, Boston, MA, and UT Health San Antonio, San Antonio, TX

- MP63 **Longitudinal Analysis Of Handgrip Strength And Cognitive Function During Aging- Share Cristina P Baena**, PUCPR, Curitiba, Brazil; Ariele Barreto Haagsma, Pontificia Univ Católica do Paraná, Curitiba, Brazil; Dyego Souza, Univ Federal do Rio Grande do Norte, Natal, Brazil; GRAZIELLA MARTINS DE DE MELLO, pucpr, Curitiba, Brazil; Marcia Olandoski, PUCPR, Curitiba, Brazil; Javier J Roig, Universitat Central de Catalunya, Barcelona, Spain
- MP65 **Prospective Association Between Adiponectin Levels With Neurocognitive And Neuroimaging Outcomes: Findings From The Dallas Heart Study**  
**Omar Shaikh**, UTSouthwestern Medical Ctr, Dallas, TX; Elaine Wu, Arlington, TX; Joseph Maldjian, Fang Yu, Zabecca Brinson, Christian Lopez, Heidi Rosetti, Munro Cullum, UTSouthwestern Medical Ctr, Dallas, TX; Philipp E Scherer, UNIV OF TEXAS SW MEDICAL CENTER, Dallas, TX; Jarett D Berry, UT SOUTHWESTERN MEDICAL SCHOOL, Dallas, TX
- MP66 **Prediabetes, Diabetes By Age Of Onset And Subsequent Risk Of Dementia**  
**Jiaqi Hu**, Johns Hopkins Univ, Baltimore, MD; James Russell Pike, Univ of North Carolina, Chapel Hill, United States Minor Outlying Islands; Pamela L Lutsey, UNIVERSITY OF MINNESOTA, Minneapolis, MN; A R Sharrett Sr., JOHN HOPKINS UNIV, Baltimore, MD; Lynne E Wagenknecht, WAKE FOREST UNIV, Winston Salem, NC; Timothy M Hughes, WAKE FOREST UNIVERSITY, Winston Salem, NC; Jesse C Seegmiller, Univ of Minnesota, Minneapolis, MN; Rebecca F Gottesman, NINDS, Bethesda, MD; Thomas Mosley Jr., UNIV MS MEDICAL CTR, Jackson, MS; Josef Coresh, JOHNS HOPKINS SPH WELCH CENTER, Baltimore, MD; Elizabeth Selvin, JOHNS HOPKINS UNIVERSITY, Baltimore, MD

### **MPS.03.12 Maternal and Child Health**

- MP67 **Pre-pregnancy Cardiovascular Health And Stress Related To Severe Maternal Morbidity In Black And White Women**  
**Janet M Catov**, UNIVERSITY OF PITTSBURGH, Pittsburgh, PA; Baiyang Sun, Univ of Pittsburgh, Cupertino, CA; Erica P Gunderson, KAISER PERMANENTE NORTHERN CA, Oakland, CA; Samantha Bryan, Marnie Bertolet, Magee-Womens Res Inst, Pittsburgh, PA; Cora E Lewis, UNIV ALABAMA BIRMINGHAM, Birmingham, AL; Abbi Lane-cordova, Univ of South Carolina, Columbia, SC; Sadiya Khan, Univ of South Carolina, Columbia, SC, Chicago, IL; Stacy Beck, UNIVERSITY OF PITTSBURGH, Pittsburgh, PA
- MP68 **Association Of Multiparity With Carotid Artery Plaque Prevalence: The Multi-Ethnic Study Of Atherosclerosis (MESA)**  
**Carla Rodriguez**, Johns Hopkins Sch of Med, Baltimore, MD; Oluseye Ogunmoroti, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Brian Rodriguez, Ross Univ Sch of Med, Miramar, FL; Dhananjay Vaidya, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Anum Aha Minhas, Johns Hopkins Univ, Baltimore, MD; Brigitte Kazzi, Johns Hopkins Sch of Med, Baltimore, MD; Colleen Harrington, Univ of Massachusetts Chan Medical Sch, Worcester, MA; Lara Kovell, Univ of Massachusetts, Worcester, MA; Michael Honigberg, Massachusetts General Hosp, Boston, MA; James H Stein, UNIV WISCONSIN MED SCH, Madison, WI; Michael D Shapiro, Wake Forest Univ Sch of Med, Winston Salem, NC; Erin D Michos, Johns Hopkins Sch of Med, Baltimore, MD
- MP69 **Adolescent Experiences Of Racism: Associations With Cardiovascular Disease Risk-related Behaviors In A Diverse Population-based Sample**  
**Hannah Cory**, Susan Mason, Jaime Slaughter-Acey, Dianne Neumark-Sztainer, Univ of Minnesota, Minneapolis, MN



- MP70 **Differing Age, Sex, And Ancestry-related Trends In Visceral Fat Between Youth With Healthy Weight, Obesity, And Type 2 Diabetes**  
**Simon Higgins**, Elon Univ, Elon, NC; Babette S Zemel, The Children's Hosp of Philadelphia, Philadelphia, PA; Philip R Khoury, Elaine M Urbina, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Joseph M Kindler, Univ of Georgia, Athens, GA
- MP72 **Renal Artery Stenosis Screening Among Women With Hypertensive Disorders Of Pregnancy And Associations With Pregnancy Outcomes**  
**Chloe A Powell**, Gloria Y Kim, Joanna Chen, Elizabeth S Langen, Molly J Stout, Sandra Brown, Dawn M Coleman, Matthew A Corriere, Univ of Michigan, Ann Arbor, MI
- MPS.03.13 Novel Risk Factors for Cardiometabolic Disease**
- MP73 **Ultra-processed Food Intake And All-cause And Cause-specific Mortality In Subjects With Type 2 Diabetes: Longitudinal Findings From The Moli-sani Study**  
**Marialaura Bonaccio**, Simona Costanzo, IRCCS NEUROMED, Pozzilli, Italy; Augusto Di Castelnuovo, Mediterranea Cardiocentro, Napoli, Italy; Mariarosaria Persichillo, IRCCS Neuromed, Pozzilli, Italy; Sara Magnacca, Mediterranea Cardiocentro, Napoli, Italy; Amalia De Curtis, IRCCS Neuromed, Pozzilli, Italy; Chiara Cerletti, Maria Benedetta Donati, Giovanni de Gaetano, IRCCS NEUROMED, Pozzilli, Italy; Licia Iacoviello, IRCCS NEUROMED (Pozzilli, Italy) and Univ of Insubria (Varese, Italy), Pozzilli, Italy
- MP74 **The Effect Of BMI On Metabolic Traits Is Mediated By A Novel Diabetes Marker**  
**Ruiyuan Zhang**, Xiao Sun, Tulane Univ, New Orleans, LA; Zhijie Huang, Tulane, New Orleans, LA; Yang Pan, Tulane Univ, New Orleans, LA; Adrianna Westbrook, Pediatric Biostatistics Core, Dept of Pediatrics, Emory Univ, Atlanta, GA; Shengxu Li, Children's Minnesota, Minneapolis, MN; Lydia A Bazzano, TULANE UNIVERSITY, New Orleans, TX; Wei Chen, TULANE UNIVERSITY, New Orleans, TX, Houston, TX; Jiang He, Tanika N Kelly, TULANE UNIVERSITY, New Orleans, LA; Changwei Li, Tulane Univ, New Orleans, LA
- MP75 **Cardiac Biomarkers And Frailty In The Atherosclerosis Risk In Communities (ARIC) Study**  
**Pablo Martinez-Amezcu**, Columbia Univ Irving Medical Ctr, New York, NY; Stephen P Juraschek, BIDMC-Harvard Medical Sch, Auburndale, MA; Christie M Ballantyne, BAYLOR COLLEGE MEDICINE, Houston, TX; Daniel E Forman, UNIVERSITY OF PITTSBURGH, Pittsburgh, PA; Kelley P Gabriel, UAB Sch of Public Health, Birmingham, AL; Michael Griswold, MIND Ctr, Jackson, MS; Ron C Hoogeveen, BAYLOR COLLEGE MEDICINE, Houston, TX; Anna Kucharska-newton, UNIVERSITY NORTH CAROLINA, Chapel Hill, NC; Pamela L Lutsey, UNIVERSITY OF MINNESOTA, Minneapolis, MN; Kuni Matsushita, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Diego Ramonfaur, Harvard Medical Sch, Boston, MA; Elizabeth Selvin, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Amil M Shah, BRIGHAM AND WOMEN S HOSPITAL, Boston, MA; B Gwen Windham, UMMC, The MIND Ctr, Jackson, MS; Priya Palta, Columbia Univ Medical Ctr, New York, NY
- MP76 **Association Of Elevated High-sensitive Cardiac Troponin T And Low Ankle-brachial Index With Incident Cardiovascular Events. The Multi-ethnic Study Of Atherosclerosis And The Cardiovascular Health Study**  
**Yacob Tedla**, Vanderbilt Univ Medical Cente, Nashville, TN; Steven Driver, Advocate Health Care, Chicago, IL; Moyses Szklo, JOHNS HOPKINS UNIV, Baltimore, MD; Lewis H Kuller, UNIVERSITY OF PITTSBURGH, Pittsburgh, PA; Joao Lima, Erin D Michos, Johns Hopkins Sch of Med, Baltimore, MD; Christopher Defilippi, Inova, Falls Church, VA; Philip Greenland, FEINBERG SCH OF MEDICINE, Chicago, IL
- MP77 **Circulating Magnesium And Risk Of Major Adverse Cardiac Events Among Patients With Atrial Fibrillation In The Aric Cohort**

**Linzi Li**, Emory Univ, Atlanta, GA; Pamela L Lutsey, UNIVERSITY OF MINNESOTA, Minneapolis, MN; Mary R Rooney, Johns Hopkins Univ, Baltimore, MD; Lin Y Chen, UNIVERSITY OF MINNESOTA, Minneapolis, MN; Elsayed Z Soliman, WAKE FOREST SCHOOL OF MEDICINE, Winston Salem, NC; Alvaro Alonso, Emory Univ, Atlanta, GA

- MP78 **Heart Failure And The Subsequent Risk Of Lymphedema In The Community**  
**Yejin Mok**, Johns Hopkins Univ, Baltimore, MD; Corinne Joshi, Baltimore, MD; Elizabeth Platz, Johns Hopkins Univ, Baltimore, MD; Patricia Chang, Univ of North Carolina, Chapel Hill, NC; Christie M Ballantyne, BAYLOR COLLEGE MEDICINE, Houston, TX; Lena Mathews, BAYLOR COLLEGE MEDICINE, Houston, TX, Baltimore, MD; Kuni Matsushita, JOHNS HOPKINS UNIVERSITY, Baltimore, MD

## POSTERS

### PS.03.28 Diabetes

- P156 **Achieving Diabetes Remission Through Lifestyle Intervention: Preliminary Results From A Scoping Review Of The Literature And Implications For Africa**  
**M Grace Duhuze Karera**, Univ of Global Health Equity/Natl Inst of Health, NIH, Bethesda, MD; Annemarie Wentzel, Natl Insts of Health, NIDDK, Bethesda, MD; Zoe Waldman, Natl Insts of Health, NIDDK, Bethesda, MD, Washington, DC; Arielle Patterson, Natl Insts of Health, NIDDK, Bethesda, MD, Washington, DC, Stafford, VA; Blayne R Schenk, Natl Insts of Health, NIDDK, Bethesda, MD, Washington, DC, Stafford, VA, Bethesda, MD; Christopher W DuBose, Natl Inst of Health, BETHESDA, MD; Margrethe Horlyck-romanovsky, Brooklyn Coll, Brooklyn, NY; Anne E Sumner, NATIONAL INSTITUTES OF HEALTH, Bethesda, MD
- P157 **Racial Differences In Atrial Natriuretic Peptide And Insulin**  
**Catharine Couch**, Univ of Alabama at Birmingham, BIRMINGHAM, AL; Vibhu Parcha, Univ of Alabama at Birmingham, Birmingham, AL; Pankaj Arora, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL; Barbara Gower, Univ of Alabama at Birmingham, Birmingham, AL
- P158 **Hypoglycemia Prediction From The Coefficient Of Variation For Each Hba1c Value**  
**Soichi Takeishi**, Inuyama Chuo General Hosp, Inuyama-city, Japan
- P159 **The Optimal Method To Predict Hemoglobin A1c From Flash Glucose Monitor Data**  
**Soichi Takeishi**, Inuyama Chuo General Hosp, Inuyama-city, Japan
- P160 **Perceived Stress May Influence Allostatic Load When The Etiology Of Abnormal Glucose Tolerance Is  $\beta$ -cell Failure: The Africans In America Study**  
**Annemarie Wentzel**, Natl Insts of Health, NIDDK, Bethesda, MD; M. Grace Duhuze Karera, Univ of Global Health Equity/ Natl Insts of Health, NIDDK, Bethesda, MD; Zoe Waldman, Univ of Global Health Equity/ Natl Insts of Health, NIDDK, Bethesda, MD, Washington, DC; Blayne R Schenk, Univ of Global Health Equity/ Natl Insts of Health, NIDDK, Bethesda, MD, Washington, DC, Bethesda, MD; Arielle Patterson, Univ of Global Health Equity/ Natl Insts of Health, NIDDK, Bethesda, MD, Washington, DC, Bethesda, MD, Stafford, VA; Christopher W DuBose, Natl Inst of Health, BETHESDA, MD; Margrethe Horlyck-romanovsky, Brooklyn Coll, Brooklyn, NY; Anne E Sumner, NATIONAL INSTITUTES OF HEALTH, Bethesda, MD
- P161 **Plasma Betaine, But Not Trimethylamine N-oxide Or Choline, Associated With 15-year Incident Diabetes: Coronary Artery Risk Development In Young Adults Study**  
**Katie Meyer**, UNIVERSITY OF NORTH CAROLINA, Kannapolis, NC; Annie Green Green Howard, UNC, Chapel Hill, NC; Ravi V Shah, UNC, Chapel Hill, NC, Boston, MA; Venkatesh L Murthy, Univ of Michigan, Ann Arbor, MI; David R Jacobs Jr., Penny Gordon-Larsen, Univ of Minnesota, Minneapolis, MN

- P162 **Cardiovascular Disease And Periodontal Disease In Type 1 Diabetes**  
**Lauryn M Remmers**, Arizona State Univ, Tempe, AZ; Janet Snell-bergeon, UNIVERSITY OF COLORADO DENVER, Aurora, CO
- P163 **Gut Microbiome And Stages Of Diabetes In Middle-aged Adults: CARDIA Microbiome Study**  
**Yi-Han Hu**, Natl Inst on Aging, Baltimore, MD; Katie Meyer, UNIVERSITY OF NORTH CAROLINA, Kannapolis, NC; Anju Lulla, Univ of North Carolina CH, Kannapolis, NC; Osorio Meirelles, Natl Inst on Aging, Baltimore, MD; Lenore J Launer, Natl Inst on Aging, Washington, DC
- P164 **Most Non-invasive Diabetes Risk Scores Identify Type 2 Diabetes Due To Insulin Resistance But Not  $\beta$ -cell Failure: The Africans In America Study**  
**Annemarie Wentzel**, Arielle C Patterson, NATIONAL INSTITUTES OF HEALTH, Bethesda, MD; M. Grace Duhuze Karera, Univ of Global Health Equity/ Natl Insts of Health, NIDDK, Bethesda, MD; Zoe Waldman, Univ of Global Health Equity/ Natl Insts of Health, NIDDK, Bethesda, MD, Washington, DC; Blayne R Schenk, Univ of Global Health Equity/ Natl Insts of Health, NIDDK, Bethesda, MD, Washington, DC, Bethesda, MD; Christopher W DuBose, Natl Inst of Health, BETHESDA, MD; Anne E Sumner, NATIONAL INSTITUTES OF HEALTH, Bethesda, MD; Margrethe Horlyck-Romanovsky, CUNY Brooklyn Coll, Brooklyn, NY
- P165 **Glycemic Response To Initial Treatment In Data-driven Diabetes Clusters In A Real-world Sample Of Adults With Newly Diagnosed Diabetes**  
**Sridharan Raghavan**, Rocky Mountain VA MEDICAL CENTER, Aurora, CO; Wenhui Liu, Aurora, CO; Theodore Warsavage, Rocky Mountain VA MEDICAL CENTER, Aurora, CO; Lawrence Phillips, Atlanta VA Medical Ctr, Decatur, GA; Jane E Reusch, VETERANS ADMINISTRATION HOSPITAL, Aurora, CO; Liron Caplan, Rocky Mountain VA MEDICAL CENTER, Aurora, CO
- P166 **The Joint Secular Trends Of Sleep Quality And Diabetes Among The US Adults**  
**Xuan Wang**, Tulane Univ, New Orleans, LA; Hao Ma, Tulane university, Metairie, LA; Shaveta Gupta, Tulane Univ Sch of Med, New Orleans, LA; Yoriko Heianza, TULANE UNIVERSITY, New Orleans, LA; Vivian A Fonseca, TULANE UNIV HEALTH SCI CTR, New Orleans, LA; Lu Qi, TULANE UNIVERSITY, New Orleans, LA
- P167 **Soluble CD14 Level And Incident Diabetes Mellitus Risk: The Reasons For Geographic And Racial Differences In Stroke (REGARDS) Study**  
Kaileen Cruden, Insu Koh, Debora Kamin Mukaz, Timothy B. Plante, Larner Coll of Med, Univ of Vermont, Colchester, VT; Alex P. Reiner, Univ of Washington, Seattle, WA; Neil A. Zakai, Larner Coll of Med, Univ of Vermont, Colchester, VT; April P. Carson, UMMC Jackson Heart Study, Jackson, MS; Leann Long, Univ of Alabama at Birmingham, Birmingham, AL; Mary Cushman, Nels C Olson, Larner Coll of Med, Univ of Vermont, Colchester, VT

**PS.03.29            Cardiometabolic Health and Disorders**

- P168 **The Association Between Bariatric Surgery And Cardiometabolic Risk Factors: The National Health And Nutrition Examination Survey**  
**Rebecca Molinsky**, Sayeed Ikramuddin, Univ Of Minnesota, Minneapolis, MN; Fayeze Siddiqui, Univ of Texas, Dallas, TX; Ryan Demmer, Univ Of Minnesota, Minneapolis, MN
- P170 **Cardiovascular Health Scores, Adverse Pregnancy Outcomes, And Angiogenic Biomarkers Associated With Cognition 8-10 Years After Pregnancy**  
**Robin Gandley**, Caterina Rosano, Univ of Pittsburgh, Pittsburgh, PA; C. Elizabeth Shaaban, Univ of Pittsburgh, Pittsburgh, PA; W. Tony Parks, Univ of Toronto, Toronto, ON, Canada; Janet M Catov, UNIVERSITY OF PITTSBURGH, Pittsburgh, PA

- P171 **Effects Of Covid-19 On Cardiometabolic Outcomes (diabetes, Hypertension, And Obesity)**  
**David Adzrago**, The Univ. of Texas at Houston, Houston, TX; Emmanuel Odame, The Univ of Alabama at Birmingham, Birmingham, AL; Oluwabunmi M Dada, Murray State Univ, Murray, KY; Cynthia Meyer, Valentine Nriagu, Trishita Paul, East Tennessee State Univ, Johnson City, TN; Florence M Weierbach, David W Stewart, East Tennessee State Univ, Johnson City, TX; Timir K Paul, Univ of Tennessee Nashville, Nashville, TN; Hadii M Mamudu, East Tennessee States Univ, Johnson City, TN
- P172 **Association Of Atrial Fibrillation With Severity Of Coronary Artery Disease: The Emory Cardiovascular Biobank (emcab)**  
**Linzi Li**, Zakaria Almuwaqqat, Yi-An Ko, Vinita Subramanya, Arshed A Quyyumi, Alvaro Alonso, Emory Univ, Atlanta, GA
- P173 **Sex Differences In Risk Factors For Cardiovascular Disease Mortality Among US Women And Men**  
**Ling Tian**, Tulane Univ, NEW ORLEANS, LA; Amanda H Anderson, Kirsten Dorans, Tulane Univ, New Orleans, LA; Marie A Krousel-wood, TULANE UNIVERSITY, New Orleans, LA; Joshua D Bundy, Tulane Univ, New Orleans, LA
- P174 **Toxic Heavy Metals Are Associated With Increased Risk Of Cardiometabolic Disorders**  
**Emmanuel I Agaba**, Tamunoseledia L Brown, Sally N Adebamowo, Univ of Maryland Sch of Med, Baltimore, MD
- P175 **Combined Metabolic Health And Obesity Status Is Associated With Markers Of High-Density Lipoprotein Metabolism: Dallas Heart Study**  
**William A. Clarkson**, Jacob L. Barber, Bridget Armstrong, Yuan Wang, Univ of South Carolina, Columbia, SC; Fiona C McGillicuddy, UNIVERSITY COLLEGE DUBLIN, Dublin; Suzanne Saldanha, UT Southwestern Medical Ctr, Dallas, TX; Oludamilola Akinmolayemi, UT Southwestern Medical Ctr, Dallas, TX, New York, NY; Ian J Neeland, Univ Hosp - Case Western, Cleveland, OH; Anand Rohatgi, UT SOUTHWESTERN, Dallas, TX; Mark A Sarzynski, UNIVERSITY OF SOUTH CAROLINA, Columbia, SC
- P176 **Reliability Of The Electronic Health Record's Problem List In Describing Multimorbidity In Patients With Heart Failure In The Emergency Department**  
**Brandon King**, Univ of North Carolina at Chapel Hill Sch of Med, Chapel Hill, NC; Michelle Meyer, Patricia Chang, Univ of North Carolina Sch of Med, Chapel Hill, NC; Jo E Rodgers, Univ of North Carolina Eshelman Sch of Pharmacy, Chapel Hill, NC; Srihari Venkatesh Chari, Karen Richardson, Univ of North Carolina Sch of Med, Chapel Hill, NC; Tommy Bohrmann, Analytical Consulting Partners LLC, Raleigh, NC; Martin Casey, Univ of North Carolina Sch of Med, Chapel Hill, NC
- P177 **Resistance Training Improves Cardiorespiratory Fitness And Maximal Fat Oxidation Similarly To Aerobic Training, But Uniquely Decreases Visceral Adipose Tissue In Previously Sedentary Postmenopausal Women**  
**Emily M Rogers**, Nile F Banks, Univ of Iowa, Iowa City, IA; Christina M Sciarrillo, Oklahoma State Univ, Stillwater, OK; Nicholas A Koemel, Univ of Sydney, Sydney, Australia; Bryant H Keirns, Oklahoma State Univ, Stillwater, OK; Nathaniel J Helwig, Univ of Iowa, Iowa City, IA; Sam R Emerson, Oklahoma State Univ, Stillwater, OK; Nathaniel D.M Jenkins, Univ of Iowa, Iowa City, IA

### **PS.03.30          Genetics**

- P178 **Methylation Sites Associated With Cumulative Socioeconomic Status And Body Mass Index Among African American Adults From The Atherosclerosis Risk In Communities Study**  
**LaShaunta M Glover**, Yujie Wang, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Anne E Justice, Geisinger, Danville, PA; Brooke Staley, Adam Lilly, Univ of North Carolina at

Chapel Hill, Chapel Hill, NC; Kari E North, UNC CHAPEL HILL, Chapel Hill, NC; Lindsay Fernandez-Rhodes, Pennsylvania State Univ, University Park, PA

- P179 **The Association Of A Genetic Risk Score With Prevalent Coronary Heart Disease In The Hispanic Community Health Study/Study Of Latinos (HCHS/SOL)**  
**Christina G Hutten**, Ramon Durazo-Arvizu, Molly Scannell Bryan, Univ of Illinois at Chicago, Chicago, IL; Liana Preudhomme, Univ of Miami, Coral Gables, FL; Krista Perreira, Univ of North Carolina Sch, Chapel Hill, NC; Gregory Talavera, San Diego State Univ, San Diego, CA; Sylvia W Smoller III, Albert Einstein Coll Med, Bronx, NY; Jiehuan Sun, Victoria Weyler Persky, Univ of Illinois at Chicago, Chicago, IL; Tamar Sofer, Brigham and Women's Hosp, Boston, MA; Martha L Daviglus, Univ of Illinois at Chicago, Chicago, IL; Maria Argos, Univ of Illinois at Chicago, Sch of Public Health, Chicago, IL
- P180 **Relative Contributions Of Six Lifestyle Components To Epigenetic Aging In The Coronary Artery Risk Development In Young Adults (CARDIA) Study**  
**Kyeezu Kim**, Yinan Zheng, Brian Joyce, Hongmei Jiang, Northwestern Univ, Chicago, IL; Philip Greenland, FEINBERG SCH OF MEDICINE, Chicago, IL; David R Jacobs Jr., Univ of Minnesota, Minneapolis, MN; Kai Zhang, Univ at Albany, State Univ of New York, Rensselaer, NY; Lei Liu, Washington Univ in St. Louis, St. Louis, MO; Norrina Allen, John T Wilkins, NORTHWESTERN UNIVERSITY, Chicago, IL; Sarah Forrester, UMASS Medical Sch, Worcester, MA; Don M Lloyd-jones, Lifang Hou, NORTHWESTERN UNIVERSITY, Chicago, IL
- P181 **The Genetic Epidemiology Of Longitudinal Blood Pressure Traits From Adolescence To Early Adulthood In Latinos**  
**Samson Okello**, Daeun Kim, Aylin Memili, Mohammad Yaser, Heather Highland, Mariaelisa Graff, Nora Franceschini, Kari E North, Univ of North Carolina at Chapel Hill, Chapel Hill, NC
- P182 **Large Scale Analyses Of Gene-by-smoking Interaction On Cardiovascular Disease**  
**Erin Richard**, Steven Cao, Rany Salem, UC San Diego, La Jolla, CA

### **PS.03.31 Health Disparities**

- P183 **Elevated Phq-9 Scores In Black And Hispanic Young Adults**  
Janna D Stephens, **Jillian Randolph**, Sophia Leissa, Carla Miller, Bernadette Melnyk, The Ohio State Univ, Columbus, OH; Lora E Burke, UNIVERSITY of PITTSBURGH, Pittsburgh, PA; Brenda Buffington, The Ohio State Univ, Columbus, OH; Alai Tan, The Ohio State Univ, Columbus, OH, Columbus, OH
- P184 **Racial Differences In Mental Stress-induced Transient Endothelial Dysfunction And Its Association With Cardiovascular Outcomes**  
**Alexis K Okoh**, RWJ Barnabas Health NBIMC, FLOWERY BRANCH, GA; An Young, Mariana Garcia, Emory Univ, Brookhaven, GA; Samaah Sullivan, Zakaria Almuwaqqat, UT Health Science Ctr Houston, Dallas, TX; Yingtian Hu, Atlanta, GA; Chang Liu, Kasra Moazzami, Atlanta, GA, Decatur, GA; Irina Uphoff, Bruno B Lima, Emory Univ, Atlanta, GA; Yi-An Ko, Amit J Shah, EMORY UNIVERSITY, Atlanta, GA; James Douglas Bremner, Emory Univ, Atlanta, GA; Tene T Lewis, Arshed A Quyyumi, EMORY UNIVERSITY, Atlanta, GA; Viola Vaccarino, EMORY UNIV ROLLINS SCHL PUBLIC HLTH, Atlanta, GA
- P185 **Adverse Cardiovascular Events In Patients With Psoriasis And Psoriatic Arthritis**  
**Molly Ottensoser**, Bernard M. Baruch Coll, New York, NY; Jeffrey Berger, Michael S Garshick, New York Univ Medical Ctr, New York, NY
- P186 **Healthcare Access Disparities Among Asian, African, And Latino Immigrants With Hypertension Or Diabetes In The 2010-2018 National Health Interview Survey**

**Chinenye C Azoba**, The Johns Hopkins Univ Sch of Med, Baltimore, MD; Ruth-Alma N Turkson-Ocran, Oluwabunmi B Ogungbe, Binu Koirala, Yvonne Commodore-Mensah, The Johns Hopkins Univ Sch of Nursing, Baltimore, MD

- P187 **Meeting Research Study Recruitment Targets Is Meaningful For Residents In Rural Mississippi Counties**  
**Akachi Agor**, Tina Ferrell, UNIVERSITY MISSISSIPPI MEDICAL CENTER, Jackson, MS; Kisa K Harris, TOUGALOO COLLEGE, Jackson, MS; Vasan S Ramachandran, FRAMINGHAM HEART STUDY, Berlin, MA; Ervin R Fox, Frances C. Henderson, UNIVERSITY MISSISSIPPI MEDICAL CENTER, Jackson, MS
- P188 **Application Of A Facebook Platform To Engage Rural Populations In Health Awareness And Research On Heart, Lung, Blood And Sleep Disorders: The Risk Underlying Rural Areas Longitudinal Cohort Study**  
**Keith O. Cobb Jr**, MISSISSIPPI STATE UNIVERSITY, Mississippi State, MS; Frances C. Henderson, UNIVERSITY MISSISSIPPI MEDICAL CENTER, Jackson, MS; Vasan S Ramachandran, FRAMINGHAM HEART STUDY, Berlin, MA; Ervin R Fox, UNIVERSITY MISSISSIPPI MEDICAL CTR, Jackson, MS
- P189 **Leveraging Existing Cohort Study Infrastructure And Community Trust To Promote Covid Vaccination In Rural Mississippi: Experience From NHLBI's RURAL Cohort Study**  
**Keith O. Cobb Jr**, MISSISSIPPI STATE UNIVERSITY, Mississippi State, MS; Frances C. Henderson, UNIVERSITY MISSISSIPPI MEDICAL CENTER, Jackson, MS; Kristie A Alvarez, PANOLA MEDICAL CENTER AND PANOLA FAMILY AND SPECIALTY CLINIC, Batesville, MS; Tammy T. Taylor-Bufford, UNIVERSITY OF MISSISSIPPI MEDICAL CENTER, Jackson, MS; Sue H Simmons, NORTH MISSISSIPPI MEDICAL CLINIC - MABEN, Maben, MS; Emily L.B. Landrum, OCH REGIONAL MEDICAL CENTER AND THE FAMILY CLINIC, Starkville, MS; Vasan S Ramachandran, FRAMINGHAM HEART STUDY, Framingham, MA; Ervin R Fox, UNIVERSITY MISSISSIPPI MEDICAL CENTER, Jackson, MS
- P190 **Health Literacy And Cardiovascular Health: The Multi-Ethnic Study Of Atherosclerosis**  
**Hamdi S Adam**, Univ of Minnesota, Minneapolis, MN; Sharon S Merkin, Univ of California Los Angeles, Los Angeles, CA; Madison Anderson, Univ of Minnesota, Minneapolis, MN; Teresa Seeman, UCLA; Kiarri N Kershaw, NORTHWESTERN UNIVERSITY, Chicago, IL; Jared W Magnani, UNIVERSITY OF PITTSBURGH, Pittsburgh, PA; Susan A Everson-rose, Pamela L Lutsey, UNIVERSITY OF MINNESOTA, Minneapolis, MN
- P191 **Sex-related Differences In Mortality After 15-years Follow Up Post Coronary Artery Bypass Graft Surgery:a Systematic Review And Meta-analysis**  
**Maryam ALSADAOEE**, Balqa university, Amman, Jordan; Faisal Aslam, Hina Ijaz, kalyani Dhar, Mohammed AlSadawi, Stony Brook Med, Stony Brook, NY
- P192 **Disparities In Stroke And Mortality In Children With Congenital Heart Defects**  
**Chinwe Ibeh**, Amanda Bilski, Melissa Argenio, Gular Mammadli, Matthew Lewis, Marlon S Rosenbaum, Eliza C Miller, COLUMBIA UNIVERSITY, New York, NY
- P193 **Life's Simple 7 Risk Factors and Cardiovascular Disease Among Gender Minority Populations in the 2019 BRFSS**  
**Grace C. Bellinger**, Lauren B. Beach, Northwestern Univ Feinberg Sch of Med, Chicago, IL

**PS.03.32 Heart Failure**

- P194 **Polypill Eligibility For Patients With Heart Failure With Reduced Ejection Fraction In South India: A Secondary Analysis Of A Prospective, Interrupted Time Series Study**

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P195 **Title (As submitted by author)**

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P196 **Hand Grip Strength, Gait Speed And Incident Heart Failure In Older Adults**

**Veronica Manzo**, Mahim Naveed, Univ of California, San Francisco (UCSF), San Francisco, CA; Anne Newman, Pittsburgh Univ, Pittsburgh, PA; Traci Bartz, Univ of Washington, Seattle, WA; Javed Butler, Univ of Mississippi, University, CA; Calvin Hirsch, UC Davis, Sacramento, CA; Venkatesh Murthy, Univ of Michigan, Ann Arbor, MI; Jorge Kizer, San Francisco VA Health Care System, San Francisco, CA

P197 **Heart Failure In A Universally Insured Working Age Population: The Military Community Experience**

**Veronique L Roger**, NIH, Bethesda, MD; Amanda Banaag, Jessica Korona-Bailey, Clesson Turner, Mark C Haigney, Tracey Perez Koehlmoos, USUHS, Bethesda, MD

P198 **Association Between Oral Microbiome, Inflammation, Endotoxemia, And Heart Failure Severity**

**Bruno Bohn**, Univ of Minnesota - SPH, Minneapolis, MN; Melana Yuzefpolskaya, Drew D Onat, Columbia Univ Medical Ctr, New York, NY; Alberto Pinsino, Jacobi Medical Ctr, Bronx, NY; Koji Takeda, Jacobi Medical Ctr, Bronx, NY, New York, NY; Naka Yoshifumi, Columbia Univ Medical Ctr, New York, NY; Abigail Johnson, Univ of Minnesota - SPH, Minneapolis, MN; Renu Nandakumar, Columbia Univ Medical Ctr, New York, NY; Anne-Catrin Uhlemann, Columbia Univ Medical Ctr, New York, NY, SCARSDALE, NY; Bruce Paster, The Forsyth Inst, cambridge, MA; Paolo C Colombo, COLUMBIA UNIVERSITY MEDICAL CENTER, New York, NY; Ryan Demmer, UNIVERSITY OF MINNESOTA, Minneapolis, MN

P199 **Association Of High Left Ventricular Ejection Fraction With Incident Heart Failure, And Impact Of Adiposity On Ejection Fraction**

**Philimon N Gona**, Univ of Massachusetts, Boston, MA; Jane J Lee, The Baim Inst, Boston, MA; Gerald Chi, Beth Israel Deaconess Medical Ctr, Boston, MA; Lebo Gafane-Matemane, North-West Univ, Potchefstroom, South Africa; Christopher J O'Donnell, BOSTON VA HEALTHCARE SYSTEM, Boston, MA; Warren J Manning, Michael L Chuang, Beth Israel Deaconess Medical Ctr, Boston, MA

P200 **A Polygenic Risk Score Improves Prediction Of Lifetime Risk For Heart Failure**

**Taryn Alkis**, xi Luo, Katherine Wall, The Univ of Texas Health Science Ctr at Houston, Houston, TX; Patricia Chang, Univ of North Carolina, Chapel Hill, NC; Faye L Norby, Cedars Sinai Medical Ctr, Los Angeles, CA; Ron C Hoogeveen, BAYLOR COLLEGE MEDICINE, Houston, TX; Christie M Ballantyne, BAYLOR COLLEGE MEDICINE, Houston, TX; Josef Coresh, JOHNS HOPKINS SPH WELCH CENTER, Baltimore, MD; Eric Boerwinkle, UTHealth, Houston, TX; Amil M Shah, BRIGHAM AND WOMEN S HOSPITAL, Boston, MA; Bing Yu, UNIV OF TX HEALTH SCI CTR HOUSTON, Houston, TX

**P201 Social Determinants Of Health Modulate Risk Of Heart Failure Development In A Federally Qualified Health Center Population**

**Tejas Joshi**, Northwestern Feinberg Sch of Med, Chicago, IL; Adovich Rivera, Inst for Public Health and Med, Feinberg Sch of Med, Chicago, IL; Megan Plank, Laura Rusie, Howard Brown Health, Chicago, IL; Lauren B Beach, Northwestern Feinberg Sch of Med, Chicago, IL

**P202 Optimism Moderates The Effects Of Neighborhood Disadvantage On Incident Heart Failure Among African-Americans In The Jackson Heart Study (JHS) And Atherosclerosis Risk In Communities (ARIC) Study**

**Ganga S. Bey**, UNC Chapel Hill, Chapel Hill, NC; Gerardo M Heiss, UNIVERSITY NORTH CAROLINA, Chapel Hill, NC; James Russell Pike, Univ of North Carolina, Chapel Hill, United States Minor Outlying Islands; Priya Palta, Columbia Univ Medical Ctr, New York, NY; Sharrelle Barber, Drexel Univ Dornsife Sch of Public Health, Philadelphia, PA

**PS.03.33 Metabolomics and Proteomics**

**P203 Metabolomic Markers Of Gestational Weight Gain In Overweight And Obese Pregnant Women-a Longitudinal Study**

**Jin Dai**, UCLA Fielding Sch of Public Health, Los Angeles, CA; Jihong Liu, Nansi Boghossian, Univ of South Carolina, Columbia, SC; Feng Luo, Xiaoqian Sun, Clemson Univ, Clemson, SC; Oliver Fiehn, UC Davis, Davis, CA; Liwei Chen, UCLA Fielding Sch of Public Health, Los Angeles, CA

**P204 Association Of Plasma Proteome With Inflammatory Markers Crp And Glyca And Their Responses To Exercise Training**

Jacob Barber, Guoshuai Cai, Prasun K Dev, Univ of South Carolina, Columbia, SC; Jeremy M Robbins, Prashant Rao, Michael Mi, Beth Israel Deaconess Medical Ctr, Boston, MA; Sujoy Ghosh, Duke- Natl Univ of Singapore Medical Sch, Singapore, Singapore; Clary Clish, Broad Inst of MIT and Harvard, Cambridge, MA; Daniel H Katz, Robert E Gerszten, Beth Israel Deaconess Medical Ctr, Boston, MA; Claude Bouchard, Pennington Biomedical Res Ctr, Baton Rouge, LA; **Mark A Sarzynski**, Univ of South Carolina, Columbia, SC

**P205 Long-term Changes In Proteomic Levels And The Risk Of Incident Atrial Fibrillation In Older Adults: The Atherosclerosis Risk In Communities (ARIC) Study**

**Jeffrey R Misialek**, Univ of Minnesota, Minneapolis, MN; Faye L Norby, Cedars Sinai Medical Ctr, Los Angeles, CA; Alvaro Alonso, Emory Univ, Atlanta, GA; Lin Y Chen, UNIVERSITY OF MINNESOTA, Minneapolis, MN; Christie M Ballantyne, BAYLOR COLLEGE MEDICINE, Houston, TX; Eric Boerwinkle, UTHealth, Houston, TX; Josef Coresh, JOHNS HOPKINS SPH WELCH CENTER, Baltimore, MD; Jim S Pankow, UNIV MINNESOTA, Minneapolis, MN; Pamela L Lutsey, UNIVERSITY OF MINNESOTA, Minneapolis, MN

**P206 Proteomic And Metabolomic Signatures Of Plasma Triglyceride-related Trait Responses To Regular Exercise**

**Jacob L Barber**, Guoshuai Cai, Univ of South Carolina, Columbia, SC; Jeremy M Robbins, Prashant Rao, Michael Mi, Beth Israel Deaconess Medical Ctr, Boston, MA; Sujoy Ghosh, DUKES UNIVERSITY Medical Sch, Singapore, Singapore; Clary Clish, Broad Inst of MIT and Harvard, Cambridge, MA; Daniel H Katz, Robert E Gerszten, Beth Israel Deaconess Medical Ctr, Boston,



**PS.03.34 Nutrition and Diet 2**

- P207 **Dietary Diversity And Quality And Cvd Risk Factors In The Reasons For Geographic And Racial Differences In Stroke (REGARDS)**  
**Ji Yun Tark**, Brian Heckler, Hyunkyung Kim, Div of Epidemiology, Human Genetics and Environmental Sciences, The Univ of Texas Health Science Ctr at Houston Sch of Public Health, Houston, TX; Nikhil S Padhye, Ctr For Nursing Res, The Univ of Texas Health Science Ctr at Houston Sch of Nursing, Houston, TX; Suzanne E Judd, Dept of Biostatistics, The Univ of Alabama at Birmingham, Birmingham, AL; Monika Safford, Div of General Internal Med, Dept of Med, Weill Cornell Med, New York, NY; Dariush Mozaffarian, Friedman Sch of Nutrition Science and Policy, Tufts Univ, Boston, MA; Marcia C de Oliveira Otto, Div of Epidemiology, Human Genetics and Environmental Sciences, The Univ of Texas Health Science Ctr at Houston Sch of Public Health, Houston, TX
- P208 **The Impact Of Circadian Misalignment On Energy Metabolism And Substrate Oxidation In Adults With Adequate Sleep**  
**Thomas J Carabuena**, Inst of Human Nutrition, Columbia Univ Irving Medical Ctr, New York, NY; Hedda L Boege, Mehreen Z Bhatti, Sleep Ctr of Excellence and Div of General Med, Dept of Med, Columbia Univ Irving Medical Ctr, New York, NY; Bin Cheng, Dept of Biostatistics, Mailman Sch of Public Health, Columbia Univ Irving Medical Ctr, New York, NY; Marie-Pierre St-Onge, Inst of Human Nutrition, Sleep Ctr of Excellence and Div of General Med, Dept of Med, Columbia Univ Irving Medical Ctr, New York, NY, United States, New York, NY
- P209 **Like Parent, Like Child? Examining Associations Among Parent And Emerging Adult Intuitive Eating**  
**Blair Burnette**, Vivienne Hazzard, Samantha Hahn, Dianne R Neumark-Sztainer, Univ of Minnesota, Minneapolis, MN
- P210 **Acculturation And Associations With Ultra-processed Food Consumption Among Asian Americans: NHANES, 2011-2018**  
**Krithi Pachipala**, Vishal Shankar, Zachary Rezler, Ranjana Vittal, Stanford Univ, Stanford, CA; Shahmir Ali, New York Univ, New York, NY; Malathi Srinivasan, Latha Palaniappan, Stanford Univ, Stanford, CA; Eugene Yang, Univ of Washington, Seattle, WA; Filippa Juul, New York Univ, New York, NY; Tali Elfassy, Univ of Miami, Miami, FL
- P211 **Effect Of An Mobile Health Weight Loss Intervention On Healthy Eating Index Diet Quality: The Smarter Randomized Controlled Trial**  
**Jessica Cheng**, Univ of Pittsburgh, Pittsburgh, PA; Susan M Sereika, UNIV PITTSBURGH SCHOOL NURSING, Pittsburgh, PA; Tina Costacou, Univ of Pittsburgh, Pittsburgh, PA; Margaret B Conroy, UNIVERSITY OF UTAH, Salt Lake Cty, UT; Bambang Parmanto, Univ of Pittsburgh, Pittsburgh, PA; Bonny Rockette-Wagner, Andrea Kriska, UNIVERSITY OF PITTSBURGH, Pittsburgh, PA; Lora E Burke, UNIVERSITY of PITTSBURGH, Pittsburgh, PA
- P212 **Circulating And Tissue Omega-3 Fatty Acid Biomarkers And Incident Atrial Fibrillation: An Individual Participant-level Pooled Analysis Of Prospective Studies**  
**Frank Qian**, BI Deaconess Medical Ctr, Boston, MA; Nathan Tintle, Dordt Univ, Sioux Center, IA; Rozenn Lemaitre, UNIV OF WASHINGTON, Seattle, WA; Fumiaki Imamura, UNIVERSITY OF CAMBRIDGE, Cambridge; Sarah Nomura, Univ of Minnesota, Minneapolis, MN; Weihua Guan, Univ Minnesota, Minneapolis, MN; Eunjung Kim, Brigham and Women's Hosp, Boston, MA; Jyrki K Virtanen, UNIVERSITY OF EASTERN FINLAND, Kuopio, Finland; Christian Bork, Aalborg Univ Hosp, Aalborg; Yoichiro Hirakawa, KYUSHU UNIVERSITY HOSPITAL, Fukuoka; Michelle O'Donoghue, Brigham and Women's Hosp, Boston, MA; Aleix Sala-Vila, Barcelonabeta Brain Res Ctr, Barcelona; Andres V Ardisson Korat,

Tufts Univ, Boston, MA; Qi Sun, HARVARD SCHOOL OF PUBLIC HEALTH, Boston, MA; Eric B Rimm, HARVARD SCHOOL PUBLIC HEALTH, Boston, MA; Nita G. Forouhi, Univ of Cambridge, Cambridge, United Kingdom; Michael Y Tsai, UNIVERSITY MINNESOTA, Minneapolis, MN; Julie Pester, Brigham and Women's Hosp, Boston, MA; Christine M Albert, Cedars Sinai Medical Ctr, Los Angeles, CA; Toshiharu Ninomiya, KYUSHU UNIVERSITY, Fukuoka; Antoni Bayés-Genís, Hosp Univri Germans Trias i Pujol, Barcelona, Spain; Jason H Wu, Univ of New South Wales, Newtown, Australia; Dariush Mozaffarian, Tufts Univ, Boston, MA; William S Harris, Fatty Acid Res Inst, Sioux Falls, SD; David S Siscovick, NEW YORK ACADEMY MEDICINE, New York, NY

- P214 **Plant-based Diets And Risk Of Hospitalization With Respiratory Infection: Results From The Atherosclerosis Risk In Communities (ARIC) Study**  
**Karla Kendrick**, Beth Israel Deaconess Medical Ctr, Boston, MA; Hyunju Kim, Johns Hopkins Univ, Baltimore, MD; Rebholz Casey, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Elizabeth Selvin, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Lyn Steffen, Univ of Minnesota; Stephen P Juraschek, BIDMC-Harvard Medical Sch, Auburndale, MA

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- P215 **A Qualitative Exploration Of Barriers And Facilitators To A Cardiac Rehabilitation-based Weight Loss Program For Patients With Atrial Fibrillation And Obesity.**  
**Tamara M. Williamson**, Univ of Calgary, Calgary, AB, Canada; Stephen Wilton, UNIVERSITY CALGARY, Calgary, AB, Canada; Ross Arena, UNIVERSITY ILLINOIS CHICAGO, Chicago, IL; Sandeep Aggarwal, TotalCardiology Rehabilitation, calgary, AB, Canada; Tavis Campbell, Univ of Calgary, Calgary, AB, Canada; Codie Rouleau, TotalCardiology Rehabilitation, Calgary, AB, Canada
- P216 **Association Of Heart Rate Variability With The Risk Of Heart Failure And Its Sub-types In Post-menopausal Women: A Longitudinal Cohort Study**  
**Muhammad Baig**, Dept of Med, Div of Cardiology, Warren Alpert Medical Sch of Brown Univ, Providence, RI; Moafi-Madani Miremad, Dept of Epidemiology, Sch of Public Health, Brown Univ, Providence, RI; Mary Roberts, Ctr for Primary Care and Prevention, Memorial Hosp of Rhode Islandsity, Providence, RI; Charles B Eaton, Dept of Family Med, Warren Alpert Medical Sch of Brown Univ, Dept of Epidemiology, Sch of Public Health, Brown Univ, Ctr for Primary Care and Prevention, Memorial Hosp of Rhode Island, Providence, RI
- P217 **Cardiovascular Events Among Adults Who Qualify For Statin Therapy Based On Age Alone Alone: A Reasons For Geographical And Racial Differences In Stroke (REGARDS) Study**  
**Nathan Kong**, Univ of Chicago, Chicago, IL; Swati Sakhuja, Lisandro Colantonio, Emily B Levitan, Univ of Alabama at Birmingham, Birmingham, AL; Donald Lloyd-Jones, Northwestern Univ, Chicago, IL; Mary Cushman, Univ of Vermont, Colchester, VT; Paul Muntner, Univ of Alabama at Birmingham, Birmingham, AL; Tamar S Polonsky, Univ of Chicago, Chicago, IL
- P218 **Analysis Of YouTube Videos As A Patient-Education Tool For Cardiac Stress Testing**  
**Sanjana Janumpally**, Kansas City Univ Coll of Med, Kansas City, MO; Sai Kamma, Bradley Nus, Univ of Texas Medical Branch Galveston, Galveston, TX; Kylie Wu, Texas Coll of Osteopathic Med, Fort Worth, TX; Trey Sledge, Grant Torres, Univ of Texas Medical Branch Galveston, Galveston, TX; Yasser Sammour, Univ of Missouri-Kansas City Sch of Med, Kansas City, MO
- P219 **Associations Between Endogenous Sex Hormone Levels And Adipokine Levels In The Multi-ethnic Study Of Atherosclerosis (MESA)**  
**Bhavya Varma**, Johns Hopkins Sch of Med, Baltimore, MD; Oluseye Ogunmoroti, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Chiadi E Ndumele, JOHNS HOPKINS HOSPITAL,

Baltimore, MD; Brigitte Kazzi, Carla Rodriguez, Johns Hopkins Sch of Med, Baltimore, MD; Olatokunbo I Osibogun, Florida Intl Univ, Miami, FL; Matthew A Allison, Univ of California San Diego, La Jolla, CA; Alain G Bertoni, WAKE FOREST UNIV SCHOOL MED, Winston Salem, NC; Erin D Michos, Johns Hopkins Sch of Med, Baltimore, MD

- P220 **Low Levels Of Endogenous Estrogen Are Associated With Elevated Risk Of Cardiovascular Disease Mortality In Young And Middle-Aged Men In The United States**  
**Duke Appiah**, Sujata Luitel, Texas Tech Univ Health Sciences Ctr, Lubbock, TX; Chike C Nwabuo, Univ of Colorado, Denver, CO; Imo A Ebong, Univ of California, Davis, Sacramento, CA; Stephen J Winters, Univ of Louisville, Louisville, KY
- P221 **ASSOCIATION OF PSYCHOLOGICAL RESILIENCE WITH ALL-CAUSE AND CARDIOVASCULAR MORTALITY IN A GENERAL POPULATION IN ITALY: PROSPECTIVE FINDINGS FROM THE MOLI-SANI STUDY** **anwal ghulam**, Univ of Insubria, Varese, Italy; Marialaura Bonaccio, IRCCS NEUROMED, Pozzilli, Italy; Simona Costanzo, IRCCS NEUROMED, Pozzilli, Italy, Italy; Alessandro Gialluisi, IRCCS Neuromed, Pozzilli, Italy; francesca santonas, IRCCS neuromed, Pozzilli, Italy; Augusto F Di Castelnuovo, NEUROMED, Pozzilli, Italy; chiara cerletti, Maria Donati, NEUROMED, Pozzilli, Italy, Pozzilli, Italy; Giovanni De Gaetano, NEUROMED, Pozzilli, Italy; Francesco Gianfagna, UNIVERSITY OF INSUBRIA, Varese, Italy; Licia Iacoviello, Univ of Insubria, Pozzilli, Italy

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- P222 **The Psychological Predictors Of Recovery After Acute Cardiac Events Study: Rationale And Design**  
**Danielle A Rojas**, Michelle A David, Gaspar J Cruz, Alexandra M Sullivan, Cara L McMurry, COLUMBIA UNIVERSITY MEDICAL CENTER, New York, NY; Jeffrey Birk, Columbia Univ Medical Ctr, New York, NY; Sachin Agarwal, COLUMBIA UNIVERSITY MEDICAL CENTER, New York, NY
- P223 **The Relationship Between Positive Psychological Well-being And Dietary Intakes During The Covid-19 Pandemic: A Cross-sectional Analysis**  
**Giada Benasi**, Marie-Pierre St-Onge, COLUMBIA UNIVERSITY, New York, NY
- P224 **Optimism And Favorable Cardiovascular Health Maintenance Among African Americans: The Jackson Heart Study**  
**Harold H. Lee**, Univ of North Carolina, Chapel Hill, NC; Sakurako Okuzono, Harvard T.H. Chan Sch of Public Health, Cambridge, MA; Claudia Trudel-Fitzgerald, Univ du Québec à Trois-Rivières, Québec, QC, Canada; Peter James, Harvard Medical Sch and Harvard Pilgrim Health Care Inst, Boston, MA; Mario Sims, Univ of Mississippi Medical Ctr, Jackson, MS; Laura Kubzansky, Harvard TH Chan Sch of Public He, Boston, MA
- P225 **Depressive Symptoms Are Not Associated With Clinically Important Levels Of Home Blood Pressure In The Electronic Framingham Heart StudyJ**  
**asmine Lee**, Xuzhi Wang, Chunyu Liu, Boston Univ Sch of Med, Boston, MA; Chathurangi H Pathiravasan, Boston Univ, SPH, Boston, MA; Emelia J Benjamin, Boston Univ Sch of Med, Boston, MA; David D McManus, Univ of Massachusettes, Worcester, MA; Joanne M Murabito, Boston Univ Sch of Med, Boston, MA
- P226 **Lifetime Discrimination And Weight Change: The Coronary Artery Risk Development In Young Adults (CARDIA) Study**  
**Tiwaloluwa Ajibewa**, Mercedes R Carnethon, Kiarri Kershaw, NORTHWESTERN UNIVERSITY, Chicago, IL; Catarina I Kiefe, UNIV OF MASSACHUSETTS MEDICAL SCHOO, Sterling, MA; Sarah Forrester, UMASS Medical Sch, Worcester, MA; April P Carson, UMMC Jackson Heart Study, Jackson, MS; Norrina Allen, NORTHWESTERN UNIVERSITY, Chicago, IL

P227 **Adverse Childhood Environment And Cardiovascular Health Score Across The Lifecourse: The Coronary Artery Risk Development In Young Adults (CARDIA) Study**  
**Robin Ortiz**, New York Univ, Depts of Pediatrics and Population Health, Inst for Excellence in Health Equity, New York, NY; Kiarri Kershaw, Northwestern Univ, Chicago, IL; Songzhu Zhao, The Ohio State Univ Coll of Med, Columbus, OH; David Kline, Wake Forest Sch of Med, Winston Salem, NC; Guy Brock, The Ohio State Univ Coll of Med, Columbus, OH; Sara Jaffee, Univ of Pennsylvania, Philadelphia, PA; Sherita H Golden, Johns Hopkins Univ, Baltimore, MD; Judith Carroll, Teresa Seeman, The Univ of California, Los Angeles, Los Angeles, CA; Joshua J Joseph, The Ohio State Univ COM, Columbus, OH

P228 **Social Networks And Cardiovascular Disease Events Among Men And Women From The Jackson Heart Study**  
**LaShaunta M Glover**, Janiyah Sutton, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Loretta Cain, Univ of MS Medical Ctr, Jackson, MS; Emily C O'Brien, Dept. of Population Health Sciences, Durham, NC; Mario Sims, UNIV MISSISSIPPI MEDICAL CTR, Jackson, MS

### **PS.03.37 Social Determinants**

P229 **The Association Of Cumulative Socioeconomic Status And Incident Type 2 Diabetes Among African Americans: The Jackson Heart Study**  
**LaShaunta M Glover**, Chantel Martin, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Reuben Adatorwovor, Univ of Kentucky, Lexington, KY; Laura R Loehr Sr., UNIV NORTH CAROLINA CHAPEL HILL, Chapel Hill, NC; Brooke Staley, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Kari E North, UNC CHAPEL HILL, Chapel Hill, NC; Mario Sims, UNIV MISSISSIPPI MEDICAL CTR, Jackson, MS

P230 **Chronically Uncertain: How Families Of Children With Hypoplastic Left Heart Syndrome Manage The Condition**  
**Michael D Green**, Duke Univ Sch of Med, Durham, NC

P231 **The Impact Of Intelligence In Youth On Cardiovascular Diseases Among 54-61 Years Old Americans**  
**Joana Tome**, Logan Cowan, Georgia Southern Univ, Statesboro, GA

P232 **Associations Between Income And Education With ASCVD Risk, NHANES, 1999-2018**  
**Lauren Nahodyl**, Lilliana Vilchez, Robert Andrew Mesa, Julien Tremblay, Tali Elfassy, Univ of Miami, Miami, FL

P233 **Child Opportunity Index And Prevalence Of Obesity And Hypertension In Adolescents With Congenital Heart Disease**  
**Andrew H Tran**, Nationwide Children's Hosp, Columbus, OH; Aaron Walsh, Columbus, OH; Kan N Hor, Nationwide Children's Hosp, Columbus, OH

P234 **Electronic Medical Record Use Among Adults With Self-reported Hypertension: Analysis Of The 2020 Health Information National Trends Survey**  
**Erin Spaulding**, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Hailey Miller, Duke Univ Sch of Nursing, Durham, NC; Ruth-Alma Turkson-Ocran, Beth Israel Deaconess Medical Ctr and Harvard Medical Sch, Boston, MA; Binu Koirala, Oluwabunmi Ogungbe, Samuel Byiringiro, Johns Hopkins Sch of Nursing, Baltimore, MD; Uchenna Nwokeji, Univ of Pittsburgh Sch of Med, Pittsburgh, PA; Kelly T Gleason, Diana Baptiste, Johns Hopkins Sch of Nursing, Baltimore, MD; Seth S Martin, JOHNS HOPKINS HOSPITAL, Baltimore, MD; Yvonne Commodore-Mensah, Johns Hopkins Sch of Nursing, Baltimore, MD

P235 **Association Between Food Insecurity And Blood Pressure In A Multiethnic Population**

**Claire T Ing**, Jane Lim, Joseph Keawe'aimoku Kaholokula, Univ of Hawai'i at Mānoa, Honolulu, HI; Todd B. Seto, The Queen's Medical Ctr, Honolulu, HI; Peter Hovmand, Case Western Reserve Univ, Cleveland, OH; Rachel Novotny, Univ of Hawai'i at Mānoa, Honolulu, HI

**P236 Associations Between Neighborhood Socioeconomic Deprivation And Severity Of Depression As A Cardiovascular Risk Marker From The National Health And Nutrition Examination Survey (2011-2014)**

**Sam J Neally**, Kosuke Tamura, Steven Langerman, Sophie E Claudel, Natl Insts of Health, Bethesda, MD; Nicole Farmer, NIH Clinical Ctr, Bethesda, MD; Nithya Vijayakumar, Kaveri Curlin, Marcus Andrews, Joniqua N Ceasar, Yvonne Baumer, Tiffany M Powell-Wiley, Natl Insts of Health, Bethesda, MD

**PS.03.38 Stroke**

**P237 Matrix Metalloproteinases (MMPs) And Risk Of Incident Hemorrhagic And Ischemic Stroke: The Atherosclerosis Risk In Communities Study (ARIC)**

**Yuekai Ji**, Pamela L Lutsey, Weihong Tang, Kamakshi Lakshminarayan, UNIVERSITY OF MINNESOTA, Minneapolis, MN; Ron C Hoogeveen, BAYLOR COLLEGE MEDICINE, Houston, TX; Christie M Ballantyne, BAYLOR COLLEGE MEDICINE, Houston, TX

**P238 Stroke-belt Residence And Post-stroke Statin Use**

**Phoebe M Tran**, Cenjing Zhu, Yale Univ, New Haven, CT; Tiffany E Chang, New Haven, CT; Larry B Goldstein, UNIV OF KENTUCKY, Lexington, KY; Judith H Lichtman, YALE SCHOOL OF PUBLIC HEALTH, New Haven, CT

**P239 Dietary Behavior Interventions And Outcomes In Stroke Survivors: A Scoping Review**

Ryan Bailey, Univ of Utah, Salt Lake City, UT; **Alfonso L Neri**, Univ of Texas Health Science Ctr at San Antonio, San Antonio, TX; Monica C Serra, South Texas VAHCS and UTHSCSA, San Antonio, TX

**EPOSTERS**

**EP01 One Size Does Not Fit All: Impact Of Using A Regular Cuff For All Blood Pressure Measurements**

**Tammy M Brady**, JOHN HOPKINS UNIVERSITY, Baltimore, MD; Jeanne Charleston, Johns Hopkins Univ ProHealth, Baltimore, MD; Junichi Ishigami, Johns Hopkins Univ, Baltimore, MD; Gregory P Prokopowicz, JOHNS HOPKINS HOSPITAL, Baltimore, MD; Edgar R Miller II, JOHNS HOPKINS MEDICAL INSTITUTIONS, Baltimore, MD; Kunihiro Matsushita, JOHN HOPKINS UNIVERSITY, Baltimore, MD; Lawrence J Appel, JOHNS HOPKINS MEDICAL INSTITUTIONS, Baltimore, MD

**EP02 Identification Of Genetic Signals For "Diabesity" --- Type 2 Diabetes And Obesity -- Among African American And European American Participants In Four Cohorts Of The TOPMed Consortium**

**Kei Hang Katie Chan**, City Univ of Hong Kong; Brown Univ, Hong Kong; Providence, Hong Kong; Qing Liu, BROWN UNIVERSITY, Boston, MA; Alex P Reiner, BROWN UNIVERSITY, Boston, MA, Seattle, WA; Roberta De Vito, Brown Univ, Providence, RI; Charles Kooperberg, Fred Hutchinson Cancer Res Ctr, Seattle, WA; Jennifer Brody, UW, Seattle, WA; Leslie Lange, Univ of Colorado at Denver, Denver, CO; Joann E Manson, Brigham and Women's Hosp, Boston, MA; Adolfo Correa, U OF MISSISSIPPI MEDICAL CENTER, Jackson, MS; L. Adrienne Cupples, Boston Univ Sch of Public Health, Boston, MA; Matthew Flickinger, Univ of Michigan, Ann Arbor, MI; Jie Li, Guangdong Provincial People's Hosp, Guangdong Acad of Medical Sciences, Guangdong, China; Xiaochen Lin, Tracy Madsen, BROWN UNIVERSITY, Providence, RI; Kari E North, UNC CHAPEL HILL, Chapel Hill, NC; Laura M Raffield, UNC CHAPEL HILL, Chapel Hill, NC, Chapel Hill, NC; Alisa Manning, Massachusetts General Hosp, Boston, MA; James B Meigs, MASSACHUSETTS GENERAL HOSPITAL, Boston, MA;

- NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium; Simin Liu, Brown Univ, Providence, RI
- EP03 **30-day Readmission Rates After Targeted Temperature Management For Cardiac Arrest**  
**Justin Mark**, Joshua Dodge, Miguel Belaunzaran, Waseem Wahood, Dr. Kiran C. Patel Coll of Allopathic Med, Ft. Lauderdale, FL; Patrick Hardigan, Abdelrhman abumoawad, Ft. Lauderdale, FL
- EP05 **Plasma Water T<sub>2</sub> Is A Global Marker Of Cardiometabolic Health: The Premier Study**  
Diana F. Sandoval, Texas Tech Univ HSC El Paso, El Paso, TX; Erin B. Campbell, Texas Tech Universith Health Sciences Ctr El Paso, El Paso, TX; Rinkal Patel, Vipulkumar Patel, Texas Tech Univ HSC El Paso, El Paso, TX; Alok Dwivedi, Texas Tech Univ Health Scienc, El Paso, TX; **David P Cistola**, Texas Tech Univ HSC El Paso, El Paso, TX
- EP06 **Serum Water T<sub>2</sub> And Its Association With Cardiometabolic Health: The Premier Study**  
Jacob Nicasio, Texas Tech Univ HSC El Paso, El Paso, TX; Diana Sandoval, El Paso, TX; Erin Campbell, El Paso, TX, El Paso, TX; Joshua Garza, Juan Aldana, Texas Tech Univ HSC El Paso, El Paso, TX; Alok Dwivedi, Texas Tech Univ Health Scienc, El Paso, TX; **David P Cistola**, Texas Tech Univ HSC El Paso, El Paso, TX
- EP07 **A Longitudinal Lipidomics Profiling For Risk Of Chronic Kidney Disease In American Indians: The Strong Heart Family Study**  
**Wenjie Zeng**, Univ of Florida, GAINESVILLE, FL; Guan hong Miao, Pooja Subedi, Univ of Florida, Gainesville, FL; Shelley Cole, Texas Biomedical Res Inst, San Antonio, TX; Jason G Umans, Georgetown Univ Med Ctr, Hyattsville, MD; Nora Franceschini, UNIVERSITY NORTH CAROLINA, Chapel Hill, NC; Elisa T Lee, Univ. of Oklahoma HSC, Oklahoma City, OK; Barbara V Howard, MEDSTAR HEALTH AND GEORGETOWN U, Bonita Spgs, FL; Oliver Fiehn, UC Davis, Davis, CA
- EP08 **Cardiometabolic Diseases, Quality Of Life And Sleep In Adults With Hiv In The Deep South**  
**Ene M Enogela**, Raymond Jones, Thomas W Buford, Pariya L Wheeler, Univ of Alabama at Birmingham, Birmingham, AL
- EP09 **Empiric Dietary Inflammatory Potential Is Associated With Elevated Left Ventricular Mass**  
**Rahul Vinayragav Annabathula**, Wake Forest Sch of Med, Winston Salem, NC; Scott Winsor, Alexandria Sutton, Wake Forest Sch of Med, Winston-Salem, NC; Travis Skipina, Wake Forest Baptist Health, Winston-Salem, NC; Elsayed Z Soliman, WAKE FOREST SCHOOL OF MEDICINE, Winston Salem, NC
- EP10 **Obesity Is An Independent Risk Factor For Type 2 Myocardial Infarction-related Hospitalizations Without Significant Association With In-Hospital Mortality**  
**Akhil Jain**, Mercy Catholic Medical Ctr, Yeadon, PA; Waleed Sultan, Halifax Medical Ctr, Daytona Beach, FL; Nitin Ghadge, Independent Outcomes Reser, Brooklyn, NY; Crystal Moras, Father Muller Medical Coll, Mangalore, India; Siva Naga Yarrarapu, Monmouth Medical Ctr, Long Branch, NJ; Kartik Dhaduk, Geisinger Wyoming Valley Medical Ctr, Wilkes Barre, PA; Hasnan Ijaz, Mohammed Ghazi Moh'd Qaryouti, Westside Regional Medical Ctr, Plantation, FL; Rupak Desai, Independent Reser, Atlanta, GA
- EP11 **Long-term Outcomes Of Transcatheter Aortic Valve Replacement Compared With Surgical Aortic Valve Replacement: A Retrospective Cohort Study With Overlap Propensity Score Weighting**  
**Zhe Li**, Jodi Edwards, Ottawa Heart Inst, Ottawa, ON, Canada

- EP12 **Uric Acid Predicts Recovery Of Left Ventricular Function And Adverse Events In Heart Failure With Reduced Ejection Fraction: Potential Mechanistic Insight From Network Analyses**  
**Xiqiang Wang**, Shaanxi Provincial People's Hosp, Xi'an, China; Xiude Fan, Shandong Provincial People's Hosp, Jinan, China; Qihui Wu, Guangzhou Univ of Chinese Med, Guangdong, China; Junkui Wang, Shaanxi Provincial People's Hosp, Xi'an, China; Jiansong Fang, Guangzhou Univ of Chinese Med, Xi'an, China
- EP13 **Grip Strength, Obesity, And Cardiometabolic Risk Factors Among The Elder Population In Taiwan**  
**Nain-Feng Chu**, Tri-Service GH, Nat. Def. Med. Ctr., Taipei, Taiwan
- EP14 **Traditional And Non-traditional Cardiometabolic Risk Factors For Type 2 Myocardial Infarction Compared To Type 1 Myocardial Infarction In Young Women (18-44 Years): A National Inpatient Analysis**  
**Akhil Jain**, Mercy Catholic Medical Ctr, Yeadon, PA; Preeti Agarwala, Ames, IA; Ozo Akah, Ames, IA, Odenton, MD; Shristee Ghimire, Jewis Hosp, Louisville, KY; Samir Ghimire, Kathmandu Medical Coll, Kathmandu, Nepal; Jilmil Raina, Brookdale Univ Hosp and Medical Ctr, Brooklyn, NY; Vikram Itare, Bronxcare Health Systems, The Bronx, NY; Sohiel Deshpande, Thomas Alukal, Mercy Catholic Medical Ctr, Darby, PA; Melissa Alvarez, Rupak Desai, Independent Reser, Atlanta, GA
- EP15 **Changes In Metabolite Levels After An Oral Glucose Challenge Are Associated With Incident Cardiovascular Disease And Death**  
**Daniel Gonzalez Izundegui**, Patricia E Miller, Boston Univ Sch of Med, Boston, MA; Martin Larson, BOSTON UNIVERSITY, Boston, MA; Vasani S Ramachandran, FRAMINGHAM HEART STUDY, Berlin, MA; Matthew G Naylor, Boston University Sch of Med, Boston, MA
- EP16 **High Area Level Public Transportation Associated With Increased Body Mass Index In High School And Male Adolescents**  
**Emily Granados**, D'Agostino Emily, Kathryn Pollak, Asheley C Skinner, Duke Univ, Durham, NC
- EP17 **Associations Between Neighborhood Child Opportunity And Cardiovascular Fitness For New York City Public School Youth**  
**Amy Zhao**, Hiwot Zewdie, Duke Univ, Durham, NC; S. Scott Ogletree, North Carolina State Univ, Raleigh, NC; Sarah Messiah, Univ of Texas, Dallas, TX; Sarah Armstrong, Asheley C Skinner, Cody Neshteruk, Duke Univ, Durham, NC; J. Aaron Hipp, North Carolina State Univ, Raleigh, NC; Sophia Day, Kevin Konty, NYC Dept of Health and Mental Hygiene, New York, NY; Emily D'Agostino, Duke Univ, Durham, NC
- EP18 **Cardiopulmonary Testing In Long Covid Versus Non-Covid Patients With Undifferentiated Dyspnea On Exertion**  
**Alejandra Meza**, Darrell B Newman, Alexander S Niven, Michael R Mueller, Nina M Schwenk, Ravindra Ganesh, Mayo Clinic, Rochester, MN; Ray W Squires, MAYO CLINIC, Rochester, MN; Amanda Bonikowske, Lucio Cappelloni, Mayo Clinic, Rochester, MN; Thomas G Allison, MAYO CLINIC, Rochester, MN
- EP19 **Obesity And Diabetes Risk According To Age Groups; An Analysis Of The National Health Screening Program For The People In Transition In Korea**  
**Tae Kyung Yoo**, Dept of Med, Metrowest Medical Ctr, Framingham, MA; Eun-Jung Rhee, Sungkyunkwan Univ, Seoul, Korea, Republic of; Satoshi Miyashita, The Cardiovascular Ctr, Tufts Medical Ctr and Tufts Univ Sch of Med, Boston, MA; Farideh Davoudi, Dept of Med, Mass General Brigham-Salem Hosp, Salem, MA; Kyung-Do Han, Dept of Statistics and Actuarial Science, Soongsil Univ, Seoul, Korea, Republic of; Won-Young Lee, Div of

Endocrinology and Metabolism, Dept of Internal Med, Kangbuk Samsung Hosp, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of

- EP20 **Immigrant-related Factors And Prediabetes Prevalence Among Latinos In The Us** Sandra Echeverria, Univ of North Carolina at Greensboro, Greensboro, NC; Elizabeth Vasquez, Rosenda Murillo, Rensselaer, NY; Teresa Janevic, Mt. Sinai, New York, NY; Towfiqul Alam, Peace Okpala, Univ of North Carolina at Greensboro, Greensboro, NC
- EP21 **Cardiovascular Risk Among People With HIV Of Haitian Descent In A Southern City In The US** Vanessa A. Hurtado, Univ of Miami, Miami, FL; Karla Inestroza, Miami, FL; Bertrand Ebner, Jackson Memorial Hosp, Miami, FL; Sanjana Satish, Jackson Memorial Hosp, Miami, FL, Miami, FL; Alexis Powell, Univ of Miami, Miami, FL; Barry E Hurwitz, Dushyantha Jayaweera, UNIVERSITY OF MIAMI, Miami, FL; Maria Luisa Alcaide, Univ of Miami, miami, FL; Claudia Martinez, Univ of Miami, Miami, FL
- EP22 **Sex And Socioeconomic Difference In 30-day Readmission After Hypertensive Crisis** Kyeemun Park, Mohammed Ebrahim, Pyi Phyto Aung, Memorial Healthcare System, Hollywood, FL; Navya Konindala
- EP23 **Age-related Disparities In Access To A Usual Source Of Healthcare Among Adults With Atherosclerotic Cardiovascular Disease: National Health And Nutrition Examination Survey 2013-2018** Alexander R Zheutlin, Univ of Utah, Salt Lake Cty, UT; Eric Stulberg, Univ of Utah, Salt Lake City, UT
- EP24 **Menu Calorie Label Use Is Associated With Healthier Diet Quality In Americans** Jenny Jia, Matthew J O'Brien, Northwestern Univ, Chicago, IL
- EP25 **Socioeconomic Disparities In The Use Of Temporary Mechanical Circulatory Support And Outcome In Cardiogenic Shock** Kyeemun Park, Pyi Phyto Aung, Memorial Healthcare System, Hollywood, FL; Htoo Myat Nge, Univ of Med 1, Yangon, Myanmar
- EP26 **Impacts Of Social Isolation During The COVID-19 Pandemic On Congestive Heart Failure Disease Management** George Tawfello, Albany Medical Coll, SI, NY; Mikhail Torosoff, ALBANY MEDICAL COLLEGE, Albany, NY
- EP27 **Development Of An Electronic Health Record-based Prediction Model For Hyperkalemia And Clinical Outcomes In Aldosterone Receptor Antagonist-prescribed Heart Failure Patients** Leanne Dumeny, Univ of Florida, Gainesville, FL; Caitrin W McDonough, UNIVERSITY OF FLORIDA, Gainesville, FL; Julio Duarte, UNIVERSITY OF FLORIDA, Gainesville, FL; Larisa H Cavallari, UNIVERSITY OF FLORIDA, Gainesville, FL
- EP28 **SO CLOSE YET SO FAR : HOW WELL ARE WE DOING WITH GDMT FOR HEART FAILURE WITH REDUCED EJECTION FRACTION - A COMMUNITY HOSPITAL ANALYSIS** Kriti Lnu, UPMC Harrisburg, Harrisburg, PA; Resha khalal, Yijin Wert, Roberto Hodara, UPMC Harrisburg, Harrisburg, PA
- EP29 **Sex Differences In Anxiety Associated With Left Ventricular Hypertrophy And Transmural Dispersion Of Repolarization In Hypertensive Patients** Ling Zhu, Qianwei Cui, Yong Zhang, Juikui Wang, Shaanxi Provincial People's Hosp, Xi'an, China; Fuqiang Liu, Shaanxi Provincial People's Hosp, Xi'an, China; Jingsha Zhao, The Third People's Hosp of Chengdu, Chengdu, China



- EP30 **Trends In Use Of Single Pill Combination Antihypertensive Medications And Blood Pressure Control In U.S. Adults With Hypertension**  
**Claire Mobley**, Alexis Bryan, Columbia Univ, New York, NY; Andrew E Moran, COLUMBIA UNIVERSITY, New York, NY; Catherine G Derington, Univ of Utah, Salt Lake City, UT; Yiyi Zhang, Univ of Utah, Salt Lake City, UT, Great Neck, NY; Brandon K Bellows, Columbia Univ, New York, NY
- EP31 **Use Of Low-density Lipoprotein Cholesterol Raising Medication Among United States Adults, 2013 Through 2018**  
**Alexander Zheutlin**, Univ of Utah, Salt Lake Cty, UT; Alexander Chaitoff, Boston, MA; Joshua Niforatos, Johns Hopkins Dept of Emergency Med, Baltimore, MD
- EP32 **Low Density Lipoprotein Cholesterol Associations With The Risk Of Coronary Heart Disease And Stroke Among Middle-aged Japanese Workers: Analysis Using Inverse Probability Weighting**  
**Abubakr A Al-shoaibi**, Nagoya Univ, Graduate Sch of Med, Nagoya, Japan; Yuanying Li, Fujita Health Univ, Toyoake Aichi-prefecture, Japan; Chifa Chiang, Yoshihisa Hirakawa, Zean Song, KM Saif-Ur-Rahman, Shimoda Masako, Nagoya Univ, Graduate Sch of Med, Nagoya, Japan; Matsunaga Masaaki, Fujita Health Univ, Toyoake Aichi-prefecture, Japan; Atsuko Aoyama, Nagoya Univ, Graduate Sch of Med, Nagoya, Japan; Koji Tamakoshi, Nagoya Univ Sch of Health Sciences, Toyoake Aichi-prefecture, Japan; Atsuhiko Ota, Fujita Health Univ Sch of Med Graduate Sch of Med, Toyoake Aichi-prefecture, Japan; Hiroshi Yatsuya, Nagoya Univ, Graduate Sch of Med, Nagoya, Japan
- EP33 **Plasma Lipidomic Signatures And Potential Biomarkers For Risk Of Depression: A Longitudinal Study In A Large Sample Of Community-dwelling American Indians In The Strong Heart Study**  
**Guanhong Miao**, Univ of Florida, Gainesville, FL; Jason Deen, Seattle Children's Hosp, Seattle, WA; Wenjie Zeng, Seattle Children's Hosp, Seattle, WA, Gainesville, FL; Joseph Struzeski, Univ of Florida, Gainesville, FL; Amanda Fretts, Univ of Washington, Seattle, WA; Elisa Lee, Univ of Oklahoma Health Sciences Ctr, Oklahoma City, OK; Barbara Howard, MedStar Health Res Inst, Hyattsville, MD; Oliver Fiehn, West Coast Metabolomics Ctr, Univ of California-Davis, Davis, CA; Jinying Zhao, Univ of Florida, Gainesville, FL
- EP34 **Association Of Aortic Valve Calcification And High Levels Of Lipoprotein (a) . A Meta-analysis**  
**Karam R. Motawea**, Faculty of Med, Alexandria Univ, Alexandria, Egypt; Hager Fathy, Faculty of Med, Minia Univ, Minia, Egypt; Dina M. Awad, Mohamed Mohamed Belal, Faculty of Med, Alexandria Univ, Alexandria, Egypt; Sarya Swed, Faculty of Med, Aleppo Univ, Aleppo, Syrian Arab Republic; Merna Aboelenein, Nesreen Elsayed Talat, Samah S. Rozan, Nancy Ibrahim, Faculty of Med, Alexandria Univ, Alexandria, Egypt; Bisher Sawaf , Dept of Internal Med, Hamad Medical Corp, Doha, Qatar; Hani Aiash, Upstate Medical Univ, Cardiovascular perfusion Dept, Suez Canal Univ, family Med Dept, New York, NY
- EP35 **Longitudinal Lipidomic Profiling Of Left Ventricular Mass In American Indians: The Strong Heart Study**  
**Mingjing Chen**, Guanhong Miao, Wenjie Zeng, Univ of Florida, Gainesville, FL; Mary J Roman, WEILL CORNELL MEDICAL CENTER, New York, NY; Elisa T Lee, Univ. of Oklahoma HSC, Oklahoma City, OK; Richard B Devereux II, Weill Cornell Med, New York, NY; Barbara V Howard, MEDSTAR HEALTH AND GEORGETOWN U, Bonita Spgs, FL; Oliver Fiehn, UC Davis, Davis, CA; Jinying Zhao, Univ of Florida, Gainesville, FL
- EP36 **Socioeconomic Status And Spontaneous Coronary Artery Dissection Outcomes** **Pyi Phy Aung**, Memorial Healthcare System, Pembroke Pines, FL; Kyeeun Park, Miramar, FL; Htoo Myat Nge, Miramar, FL, Pembroke Pines, FL

- EP37 **Single Dose Aspirin At The First Sign Chest Pain: Reducing Myocardial Infarction Deaths For Us Adults**  
**Rienna G Russo**, Harvard TH Chan Sch of Public Health, Boston, MA; Kazem Rahimi, GEORGE CENTRE, Oxford; Daniel Wikler, Harvard TH Chan Sch of Public Health, Boston, MA; Goodarz Danaei, Harvard Sch of Public Health, Boston, MA
- EP38 **Women With Type 2 Diabetes Are 1.5 Times More Likely To Have Alzheimer's Disease Than Men**  
Chunmiao Zhou, Ctr for Health Management and Policy Res, Sch of Public Health, Cheeloo Coll of Med, Shandong Univ.(NHC Key Lab of Health Economics and Policy Res (Shandong Univ)), Jinan, China; **Dongshan Zhu**, Dept of Epidemiology, Sch of Public Health, Cheeloo Coll of Med, Shandong Univ, Jinan, China
- EP39 **Examining Capabilities, Opportunity, And Motivation For Healthy Eating Behaviors In Latin American Restaurants: A Quantitative Application Of The COM-B Model To Inform Future Interventions**  
**Melissa Fuster**, Maria Santos, Tulane Univ, New Orleans, LA; Terry T-K Huang, CUNY-Sch of Public Health & Health Policy, New York, NY; Margaret A. Handley, Univ of California San Francisco, San Francisco, CA
- EP40 **Effects Of Ketone Salt Supplementation On Blood Pressure In Adults Diagnosed With Post-traumatic Stress Disorder**  
**Angelia M Holland-Winkler**, Jordan Locklin, Andrew Moore, Augusta Univ, Augusta, GA
- EP41 **Relationship Between Body Mass Index And Low Total Bilirubin In US Adults**  
**Aayush Visaria**, Rutgers Univ, New Brunswick, NJ; Shivani Reddy, Western Michigan Univ, Kalamazoo, MI; Akarsh Sharma, Mount Sinai Sch of Med, New York, NY; Bharath Nagaraj, Rutgers Univ, New Brunswick, NJ; Fariha Hameed, Rutgers Univ, New Brunswick, NJ, Houston, TX
- EP42 **Effects Of Bariatric Surgery On Acute Coronary Syndrome**  
**Pyi Phyo Aung**, Memorial HealthcareSystem, Pembroke Pines, FL; Kyeun Park, Miramar, FL; Fangcheng Wu, Navy Konidala, Memorial HealthcareSystem, Pembroke Pines, FL; Htoo Myat Nge, Pembroke Pines, FL
- EP43 **Obesity And Incident Cardiovascular Disease (CVD): The Jackson Heart Study**  
**Yan Gao**, Jeannette M Simino, U OF MISSISSIPPI MEDICAL CENTER, Jackson, MS; Chiu-hsieh Hsu, UA, Tucson, AZ; Adolfo Correa, Nancy Min, U OF MISSISSIPPI MEDICAL CENTER, Jackson, MS
- EP44 **Longer Retirement Time Is Associated With Lower Left Ventricular Mass In Retired National Football League Players**  
**Genevieve Smith**, Camilo Fernandez Alonso, Gregory W. Stewart, Tulane Univ Health Sciences Ctr, New Orleans, LA
- EP45 **Validation Of The Edinburgh Claudication Questionnaire For Identifying Peripheral Artery Diseasein Outpatient Cardiology Clinic: Single-center Experience**  
**Justin Daneshrad**, Hee D Jeon, Loma Linda Univ Medical Ctr, Loma Linda, CA; Kevin B Lo, Albert Einstein Medical Ctr, Philadelphia, PA; Matthew Gebre, Loma Linda Univ Medical Ctr, Loma Linda, CA; Manolo R Garcia, Univ of Tennessee Health Science Ctr, Memphis, TN; Reza Amini, Loma Linda Univ Medical Ctr, Loma Linda, CA
- EP46 **Can Middle-Aged Recreational Cyclists Remain In Energy Balance And Weight Stable When Involved In An Extreme Exercise And Energy Expenditure Intervention (4E Study)? Effect On Visceral Adiposity And Features Of Cardiometabolic Risk**

**Dominic J. Chartrand**, Adrien Murphy-Després, Isabelle Lemieux, Eric Larose, Paul Poirier, CRIUCPQ - UL, Quebec, QC, Canada; Jean-Pierre Després, VITAM - CIUSSSCN, Quebec, QC, Canada; Natalie Alméras, CRIUCPQ - UL, Quebec, QC, Canada

- EP47 **Ten Thousand Steps For Health: A Regional Project For The Promotion Of Physical Activity**  
Mattia Canevari, Cristina Degano, Francesco Graniero, **Lucio Mos**, SAN ANTONIO HOSPITAL, San Daniele, Italy
- EP48 **Long Term Improvement In Cardiorespiratory Fitness Ameliorates Insulin Sensitivity Beyond The Response Of Visceral/Ectopic Fat In Viscerally Obese Men**  
**Adrien Murphy-Despres**, CRIUCPQ - UL, Quebec, QC, Canada; Isabelle Lemieux, CRICUPQ - UL, Quebec, QC, Canada; Natalie Almeras, Angelo Tremblay, CRIUCPQ - UL, Quebec, QC, Canada; Jean Bergeron, CRCHUQ - UL, Quebec, QC, Canada; Paul Poirier, CRIUCPQ - UL, Quebec, QC, Canada; Jean-Pierre Despres, VITAM - CIUSSSCN, Quebec, QC, Canada
- EP49 **6-minute Walk Test Distance And Atherosclerosis, Expressed As Carotid Intima-media Thickness, In Older Korean Adults**  
**Tae Kyung Yoo**, Metrowest Medical Ctr, Framingham, MA; Jong-Young Lee, Kangbuk Samsung Hosp, Seoul, Korea, Republic of
- EP50 **Implementation Of A Cloud-Connected Remote Blood Pressure Monitoring Program During The Postpartum Period Improves Ascertainment**  
**Emma Mujic**, Samantha Parker, BOSTON UNIVERSITY SCH PUBLIC HEALTH, Boston, MA; Christina Yarrington, BOSTON UNIVERSITY SCHOOL OF MEDICINE, Boston, MA
- EP51 **Trends, Predictors And Outcomes Of Cardiovascular Complications Associated With Polycystic Ovary Syndrome During Delivery Hospitalizations-A United States National Database Analysis (2002-2019)**  
**Salman Zahid**, Rochester General Hosp, ROCHESTER, NY; Muhammad Z Khan, Morgantown, WV; Smitha Narayana Gowda, Morgantown, WV, Sioux Falls, SD; Nadeen N. Faza, Houston Methodist DeBakey Heart and Vascular Ctr, Houston, TX; Michael Honigberg, Massachusetts General Hosp, Boston, MA; Arthur J Vaught, The Johns Hopkins Hosp, Baltimore, MD; Carolyn Guan, The Johns Hopkins Univ Sch of Med, Baltimore, MD; Anum Aha Minhas, Johns Hopkins Univ, Baltimore, MD; Erin Michos, Johns Hopkins Sch of Med, Baltimore, MD
- EP52 **Using Human-Centered Design Methodology To Identify Challenges In Cardiac Recovery And Cardiac Rehabilitation From Diverse Patient, Patient Health Partner, And Clinician Perspectives**  
**Zane T MacFarlane**, Nino Isakadze, Nancy Molello, Johns Hopkins Univ Sch of Med, Baltimore, MD; Erin Spaulding, Johns Hopkins Univ Sch of Nursing, Baltimore, MD; Yumin Gao, Lisa Young, Shireen Khoury, Erin Michos, Oscar H Cingolani, Angela Street, Lena Mathews, Françoise A Marvel, Johns Hopkins Univ Sch of Med, Baltimore, MD; Yvonne Commodore-Mensah, Johns Hopkins Univ Sch of Nursing, Baltimore, MD; Seth S Martin, Johns Hopkins Univ Sch of Med, Baltimore, MD
- EP53 **The Association Of Oral Hypofunction/locomotive Syndrome And Increased Arterial Stiffness**  
**Chisa Matsumoto**, Tokyo Medical Univ, Tokyo, Japan; Hirofumi Tomiyama, TOKYO MEDICAL UNIVERSITY, Tokyo; Mari Matsuura, TOKYO MEDICAL UNIVERSITY, Tokyo, Tokyo, Japan; Hiroki Nakano, Tokyo Medical Univ, Tokyo; Kazuki Shiina, Tokyo Medical Univ, Tokyo, Japan; Akira Yamashina, TOKYO MEDICAL UNIVERSITY, Tokyo, Japan
- EP54 **Ideal Cardiovascular Health Metrics: Are They Just Cardiovascular Protective Factors?**  
**Rongchong Huang**, Beijing Friendship Hosp, Capital Medical Univ, Beijing, China; Weihua Chen, Shanshan Shi, Longyan First Affiliated Hosp of Fujian Medical Univ, Longyan, China;

Yizhou Jiang, State Key Lab of Cardiovascular Disease, Fuwai Hosp, Natl Ctr for Cardiovascular Diseases, Chinese Acad of Medical Sciences and Peking Union Medical Coll, Beijing, China; Kaihong Chen, Longyan First Affiliated Hosp of Fujian Medical Univ, Longyan, China

- EP55 **Qualitative Evaluation Of Older Adult Participants Of A Community Outreach Telehealth Program For Covid Education And Health Promotion (Coach)**  
**Michelle C Yang**, Cam Clayton, Univ of British Columbia, Vancouver, BC, Canada; Devin Harris, Interior Health Authority, Kelowna, BC, Canada; Chelsea Pelletier, Univ of Northern British Columbia, Prince George, BC, Canada; Julia Schmidt, Jill G Zwicker, Univ of British Columbia, Vancouver, BC, Canada; Brodie Sakakibara, Univ of British Columbia, Kelowna, BC, Canada
- EP56 **Trends In Behavioral And Social Determinants Of Cardiovascular Disease Amongst Depressed Coronary Heart Disease Patients**  
**Chinelo Onyilofor**, Andrea Duran, Othanya Garcia, Samantha Flores, Cara McMurry, Sung Lee, Jennifer Mizhquiri Barbecho, Nora Ospina, Vishnu Datla Raju, Kaitlin Shaw, Nathalie Moise, Columbia Univ Medical Ctr, New York, NY
- EP57 **A Non-exercise Prediction Of Cardiorespiratory Fitness For Patients With Cardiovascular Disease: Data From The Fitness Registry And The Importance Of Exercise International Database (FRIEND)**  
**James E Peterman**, Ball State Univ, Muncie, IN; Ross Arena, UNIVERSITY ILLINOIS CHICAGO, Chicago, IL; Jonathan Myers, VA Palo Alto Health Care System, Palo Alto, CA; Susan Marzolini, KITE, Toronto Rehabilitation Inst, Univ Health Network, Toronto, ON, Canada; Philip A Ades, Div of Cardiology, Univ of Vermont Coll of Med, Burlington, VT; Patrick D Savage, Univ of Vermont Medical Ctr, S. Burlingotn, VT; Matthew P Harber, Leonard A Kaminsky, BALL STATE UNIVERSITY, Muncie, IN
- EP58 **Getting Personal: Improved Statin Adherence Through Individualized Communication**  
**Amir Khan**, Kevin Desai, Avi Aronov, Univ of Illinois at Chicago, Chicago, IL; Bradley Recht, Jesse Brown VA, Chicago, IL
- EP59 **Duration Of Cannabis Exposure Is Associated With Coronary Heart Disease**  
**Scott Winsor**, Daniel McNavish, WAKE FOREST SCHOOL OF MEDICINE, Winston-Salem, NC; Travis Skipina, Wake Forest Baptist Health, Winston-Salem, NC; Elsayed Z Soliman, WAKE FOREST SCHOOL OF MEDICINE, Winston Salem, NC
- EP60 **Modification Effects Of Migraine Status And Stress Level On The Relationship Between Sleep Disturbance And 10-year Cardiovascular Disease Risk In Hong Kong Women**  
**TIAN Longben**, Hong Kong Polytech Univ, Hong Kong, China; Yao J Xie, THE HONG KONG POLYTECHNIC UNIVERSIT, Hong Kong
- EP61 **Short Sleep Duration, Late Sleep Timing, And Late Eating Timing: A Trilogy Of Behavioral Risk Factors For High Blood Pressure?**  
**Elissa K Hoopes**, Melissa Witman, Univ of Delaware, Newark, DE; Michele D'Agata, Newark, DE; Talia Brookstein-Burke, Shannon M Robson, Univ of Delaware, Newark, DE; Susan K Malone, New York Univ, New York, NY; Namni Goel, Rush Univ Medical Ctr, Chicago, IL; Freda Patterson, UNIVERSITY OF DELAWARE, Newark, DE
- EP62 **Impact Of Smoking On In-hospital Mortality Following Type 2 Myocardial Infarction- A Nationwide Population-based Analysis**  
**Akhil Jain**, Mercy Catholic Medical Ctr, Yeadon, PA; Ankit Vyas, Baptist Hosp of Southeast Texas, Beaumont, TX; Avilash Mondal, Vivekananda Inst of Medical Sciences, Kolkata, India; Frailyn Nunez, St. Barnabas Hosp, Bronx, NY; Siva Naga Yarrarapu, Monmouth Medical Ctr, Long Branch, NJ; Hasnan Ijaz, Westside Regional Medical Ctr, Plantation, FL; Sonali Sachdeva,

Westside Regional Medical Ctr, Plantation, FL, Boston, MA; Rupak Desai, Independent Reser, Atlanta, GA

- EP63 **Recurrent Ischemic Stroke And Cigarette Smoking: A Secondary Analysis Of The Point Trial**  
**Adam Edward Lang**, McDonald Army Health Ctr, Fort Eustis, VA; Adam H De Havenon, Univ of Utah, Salt Lake City, UT; Brian Mac Grory, Duke Univeristy, Durham, NC; Nils Henninger, Umass Medical Sch, Worcester, MA; Karen Furie, Brown Univeristy, Providence, RI; J Donald Easton, UC San Francisco, Sonoma, CA; Anthony Kim, UC San Francisco, San Francisco, CA; S. Claiborne Johnston, Univeristy of Texas at Austin, Austin, TX; Shadi Yaghi, Brown Univ, Providence, RI
- EP64 **Creating A Comprehensive Lifestyle Intervention For Stroke Survivors**  
Ryan Bailey, Natalie Miner, **Sarah Waddoups**, Julie Metos, Nancy Ann Allen, Univ of Utah, Salt Lake City, UT
- EP65 **Left Coronary Artery Cross-sectional Area And Traditional Cardiovascular Risk Factors Among Asymptomatic South Asians: Results From The MASALA Study**  
**Akemi Brown**, UCSF, San Francisco, CA; Jeffrey Carr, Vanderbilt, Nashville, TN; Sangeeta Nair, VUMC, Nashville, TN; James G Terry, Vanderbilt Univ Medical Ctr, Nashville, TN; Feng Lin, Alka M Kanaya, UCSF, San Francisco, CA
- EP66 **Racial Differences In The Use Of Over-the-counter Non-steroidal Anti-inflammatory Drugs Among Individuals At Risk Of Adverse Cardiovascular Events**  
**Kathryn R.K. Benson**, Clarissa J. Diamantidis, Clemontina A Davenport, L Ebony Boulware, Dinushika Mohottige, Duke Univ Sch of Med, Durham, NC
- EP67 **Early Menopause Is Linked To Increased Risk Of Presenile Dementia Before Age 65 Years**  
**Wenting Hao**, Chunying Fu, Dongshan Zhu, Ctr for Health Management and Policy Res, Sch of Public Health, Cheeloo Coll of Med, Shandong Univ (NHC Key Lab of Health Economics and Policy Res), Jinan, China
- EP68 **Can A Single Model For General Population Predict Cardiovascular Events In Cancer Survivors?**  
**Hokyoo Lee**, Hyeok-Hee Lee, Gabin Lee, Yonsei Univ Coll of Med, Seoul, Korea, Republic of; Danbee Kang, Jin Lee, Jihyun Lim, Juhee Cho, Dong Wook Shin, SAIHST, Sungkyunkwan Univ, Seoul, Korea, Republic of; Jong-Chan Youn, Seoul St. Mary's Hosp, CMC, Seoul, Korea, Republic of; Hyeon Chang Kim, Yonsei Univ Coll of Med, Seoul, Korea, Republic of
- EP69 **Age, Sex And Race Disparities In Hypertension Control: The Multi-Ethnic Study Of Atherosclerosis (MESA)**  
**Siddharth Bhayani**, Univ of Illinois at Chicago, Palatine, IL; Ramon Durazo-Arvizu, Children's Hosp Los Angeles, Los Angeles, CA; Kiang Liu, NORTHWESTERN UNIVERSITY, Chicago, IL; Martha L Daviglius, UNIVERSITY ILLINOIS CHICAGO, Chicago, IL; Erin Michos, Johns Hopkins Sch of Med, Baltimore, MD; Talar Markossian, Loyola Univ Chicago, Maywood, IL; Michael Rakotz, Greg Wozniak, Loyola Univ Chicago, Maywood, IL, CHICAGO, IL; Brent M Egan, American Medical Association, Greenville, SC; Holly Joy Kramer, LOYOLA UNIVERSITY CHICAGO, Maywood, IL

