## TUESDAY, MARCH 1, 2022 5:00 – 7:00 PM

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## MODERATED POSTER SESSIONS
5:00 – 7:00 PM/Moderated portion begins at 5:30 PM

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<td>Preventive Cardiology and Cardiovascular Outcomes</td>
<td>Moderator: Nilay S. Shah, MD, MPH</td>
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<tr>
<td>MPS01.03</td>
<td>Population Genetics, Proteomics and Metabolomics</td>
<td>Moderator: Weihong Tang, MD, PhD, FAHA</td>
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<td>MPS01.04</td>
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## WEDNESDAY, MARCH 2, 2022, 5:00 – 7:00 PM

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<td>Health Services Research, Outcomes and Practice Improvement</td>
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<td>Promoting and Measuring Health Behaviors</td>
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<td>Subclinical Cardiovascular Disease</td>
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**MODERATED POSTER SESSIONS**

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<td>MPS01.05</td>
<td>Health Effects of Physical Activity and Sedentary Behavior</td>
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<td>Thomas W. Buford, PhD, FAHA</td>
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<td>MPS02.06</td>
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<td>Moderator:</td>
<td>Catherine M. Champagne, PhD, RDN, LDN, FAND, FTOS, FAHA</td>
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<td>MPS02.07</td>
<td>Traditional Risk Factors in Cardiometabolic Disease</td>
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<td>Moderator:</td>
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<td>MPS02.08</td>
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<td>Tiffany M Powell-Wiley MD, MPH, FAHA</td>
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<td>MPS02.09</td>
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<td>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</td>
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**THURSDAY, MARCH 3, 2022 5:00 – 7:00 PM**

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<td><strong>Moderator:</strong> Laure Rouch, PharmD, PhD, Associate Prof.</td>
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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 Ostashewski, 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
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, Noël 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 Baldridge, NORTHWESTERN UNIVERSITY, Chicago, IL; Tunde Ojo, Grace Shedul, Eugenia Ugwunje, 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 Ojiji, Univ of Abuja, Gwagwalada, Abuja
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  Myosteatosis 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, Philippe de Souto Barreto, Toulouse, France
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

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 Cty, UT; Adam de Havenon, Yale Univ, New Haven, CT

Liver Biomarkers And Brain Health: The Atherosclerosis Risk In Communities (arie) 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 Hoogeveen, BAYLOR COLLEGE MEDICINE, Houston, TX; Gerardo M Heiss, UNIVERSITY NORTH CAROLINA, Chapel Hill, NC; Priya Palta, Columbia Univ Medical Ctr, New York, NY

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

Relationship Of Pulse Pressure And Cognitive Performance In Individuals With Advanced Carotid Atherosclerosis


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

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

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

Disordered Eating And Cardiometabolic Risks In Chinese Women: The China Health And Nutrition Survey
**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 Catoe, 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 Sciene, El Paso, TX

**P019** Compensatory Hyperinsulinemia Is An Independent Risk Factor For Atherosclerotic Cardiovascular Disease: CARDIA 30-year Follow Up  
Sarah Faroq, Texas Tech Univ HSC El Paso, El Paso, TX; Alok Dwivedi, Texas Tech Univ Health Sciene, 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

**PS.01.04** Chronic Kidney Disease
**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 Davglus, 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 Davglus, 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; Josep Coresh, JOHNS HOPKINS SPH WELCH CENTER, Baltimore, MD; Amil M 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; Venkat Nagarathan 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
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

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

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

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 Bellsows, 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

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 UHealth, Houston, TX; Mark Mitsnefes, CINCINNATI CHLDRNS HOSP MED CTR, Cincinnati, OH

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

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

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 Daviglus, 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

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

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

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

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; Taegeer 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 GEORGE TOWN 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

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 Eversen-rose, UNIVERSITY OF MINNESOTA, Minneapolis, MN; Dan McConnell, Univ of Michigan, Ann Arbor, MI; Karen A Matthews, UNIVERSITY PITTSBURGH SCHOOL MED, Pittsburgh, PA

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

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 Meawej, 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

P047 Depressive Symptom Trajectory Associated With Step Counts From Smartwatch: The Electronic Framingham Heart Study
Xuzhi Wang, Boston Univ, Boston, MA; Chathurangi 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 Spartan, 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 MEDICIN, Framingham, MA; Chunyu Liu, Boston Univ, Bonston, 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
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; Vasan S. Ramachandran, BUMC,
Boston, MA; David D McManus, UMMS, Worcester, MA; Apurv Soni, UMass Medical Sch,
Worcester, MA

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

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

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

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

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

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

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
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; Reuja Nasir, Clemente 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, Elicott 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
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; Eric Farber-Eger, Vanderbilt Univ Medical Ctr, Nashville, TN; Rebecca T Levinson, Heidelberg Univ Hosp, Nashville, TN; Frank Harrell, Vanderbilt Univ, Nashville, TN; Nancy Cox, Vanderbilt Univ Medical Ctr, Nashville, TN; Quinn Wells, VANDERBILT UNIVERSITY, Nashville, TN

Physical Activity and Sedentary Behavior

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, HEALTHy, 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

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

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

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

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

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

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

Does Physical Activity Modify The Association Between High-density Lipoprotein Cholesterol And All-cause Mortality?
PS.01.12 Physical Functioning and Quality of Life

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

P078 Determinants Of Functionality In An Elderly Population With Hip Osteoarthritis
Cristina P Baena, Cristina P Baena, PUCPR, Curitiba, Brazil; GRAZIELLA MARTINS DE MELLO, pucpr, Curitiba, Brazil; Dyego Leandro Bezerra de Souza, pucpr, Curitiba, Brazil, Natal, Brazil; Javier Roig, Arielle 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
**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; Kiarii 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
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 Autonomus of Madrid, Madrid, Spain; Walter Willett, Frank B Hu, Harvard T.H. Chan Sch of Public Health, Boston, MA; Esther Lopez-Garcia, Automa Univ of Madrid, Madrid,Spain

MPS.02.07 Traditional Risk Factors in Cardiometabolic Disease
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 SPI WELCH CENTER, Baltimore, MD; Elizabeth Selvin, JOHNS HOPKINS UNIVERSITY, Baltimore, MD

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

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

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

Association 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, NORTHEASTERN UNIVERSITY, Chicago, IL; Catarina I Kiefe, UNIV OF MASSACHUSETTS MEDICAL SCHOOLS, Sterling, MA; Penny Gordon-larsen, UNC-CHAPEL HILL, Chapel Hill, NC

Physical Activity And Clinical Outcomes Among Older Adults With Atrial Fibrillation

Jordy Mehawej, UMass Medical Sch, Worcester, MA; Qiying Dai, Saint Vincent Hosp, Worcester, MA; Jane Szczesniak, 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 Filippajos, Univ of Massachusetts Medical Sch, Worcester, MA; Catarina I Kiefe, UNIV OF MASSACHUSETTS MEDICAL SCHOOL, 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

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

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

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 Univesity, 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 IFNγ-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 Molloi, 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 Alkhalaif, Mohamad Nour Jajeh, Amit J Shah, Tene T Lewis, J Douglas Bremner, Arshed A Quyyumi, Viola Vaccarino, Emory Univ, Atlanta, GA
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; Henningsdorf; 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

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

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

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

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

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
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

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-BIRMINGH, 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

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

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

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

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

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

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 Ugwuneji, Nonye Egenti, Univ of Abuja Teaching Hosp, Abuja, Nigeria; 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 Tnfa 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, Haïti; Alexandra Apollon, Stephano St-Peux, 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

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,
Bypasses To Below-Knee Arteries May Expedite Amputation In Patients With Claudication
Corey A Kalbaugh, Brian Wittrick, Kerry A Howard, Clemson Univ, Clemson, SC; Katharine L McGinigle, Univ of North Carolina, Chapel Hill, NC; Catherine R Lesko, Johns Hopkins Univ, Baltimore, MD

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

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; Maecaela Rudeck, Catherine P Benziger, Essentia Health, Duluth, MN

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

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

Examining Health Literacy And Medication Adherence Among African Americans With Hypertension
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

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

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

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

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

Association Of Ambulatory Blood Pressure Monitoring Parameters With Left Ventricular Hypertrophy: Analysis Of Pooled Population- And Community-based Studies

Swati Sakhija, 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

Longitudinal Work Hour Patterns Associated With Hypertension Risk
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 O'Connor, 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 McGinigle, Univ of North Carolina, Chapel Hill, NC; Catherine R Lesko, Johns Hopkins Univ, Baltimore, MD

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,
P127  Differences By Gender In Autopsy-determined Myocardial Characteristics Following Myocardial Infarction
Janelle O'Neal, Juan McCoik, 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. Maclehose, 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; Gregory Wellenius, Boston Univ, 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
**PS.02.23 Pharmacoepidemiology**

**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

**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; Jung-im Shin, Johns Hopkins Univ, Baltimore, MD

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

**Maternal Or Parental Outcomes During Delivery Related Hospitalizations Among Pregnant Individuals With Obesity In The United States**

Muni Rubens, Venkatagaravhan 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

**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

**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

**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

**Infant Mortality Risk In Hypertensive Disorders Of Pregnancy**
Number Of Children Three Or More And Having First Child Before Age 22 Are Linked To Increased Risk Of All-cause Dementia


PS.02.25 Promoting and Measuring Health Behaviors

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

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

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

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

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


PS.02.26 Subclinical Cardiovascular Disease

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 Hawai, Honolulu, HI; Lee Stoner, Michelle L Meyer, Univ of North Carolina at Chapel Hill, Chapel Hill, NC

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; Y asuyuki 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**  

MP60  **Sleep Fragmentation, Sleep Medications, And Incident Heart Failure And Subtypes In Post-menopausal 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**  
*Y ejin 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
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 Maldfian, Fang Yu, Zabevca 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; Joes Coresh, JOHNS HOPKINS SPH WELCH CENTER, Baltimore, MD; Elizabeth Selvin, JOHNS HOPKINS UNIVERSITY, Baltimore, MD

MPS.03.12 Maternal and Child Heath

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**  

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-Amezcua*, 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 Szko, 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**
MP78  Heart Failure And The Subsequent Risk Of Lymphedema In The Community
Yejin Mok, Johns Hopkins Univ, Baltimore, MD; Corinne Joshu, 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 β-cell Failure: The Africans In America Study
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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 β-cell Failure: The Africans In America Study
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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; Fayez 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 Cognition8-10 Years After Pregnancy
Robin Gandley, Caterina Rosano, Univ of Pittsburgh, Pittsburgh, PA; C. Elizabeth Shaaban, Univ of Pittsburgh, Pittsburg, 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)
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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
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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 Charri, 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 Sciarillo, 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
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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
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P181 The Genetic Epidemiology Of Longitudinal Blood Pressure Traits From Adolescence To Early Adulthood In Latinos
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P182 Large Scale Analyses Of Gene-by-smoking Interaction On Cardiovascular Disease
Erin Richard, Steven Cao, Rany Salem, UC San Diego, La Jolla, CA

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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
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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
Meeting Research Study Recruitment Targets Is Meaningful For Residents In Rural Mississippi Counties

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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

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Leveraging Existing Cohort Study Infrastructure And Community Trust To Promote Covid Vaccination In Rural Mississippi: Experience From NHLBI’s RURAL Cohort Study

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Health Literacy And Cardiovascular Health: The Multi-Ethnic Study Of Atherosclerosis

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Sex-related Differences In Mortality After 15-years Follow Up Post Coronary Artery Bypass Graft Surgery: A Systematic Review And Meta-analysis

Maryam Alsadooe, Balqa University, Amman, Jordan; Faisal Aslam, Hina Ijaz, Kalyani Dhar, Mohammed AlSadawi, Stony Brook Med, Stony Brook, NY

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

Life’s Simple 7 Risk Factors And Cardiovascular Disease Among Gender Minority Populations in the 2019 BRFSS

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

PS.03.32 Heart Failure
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P201 Social Determinants Of Health Modulate Risk Of Heart Failure Development In A Federally Qualified Health Center Population
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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
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P203 Metabolomic Markers Of Gestational Weight Gain In Overweight And Obese Pregnant Women-A Longitudinal Study
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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, Duke-NUS 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,
**P207** Dietary Diversity And Quality And Cvd Risk Factors In The Reasons For Geographic And Racial Differences In Stroke (REGARDS)

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**P208** The Impact Of Circadian Misalignment On Energy Metabolism And Substrate Oxidation In Adults With Adequate Sleep


**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; Malathri 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

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**P212** Circulating And Tissue Omega-3 Fatty Acid Biomarkers And Incident Atrial Fibrillation: An Individual Participant-level Pooled Analysis Of Prospective Studies

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P214  Plant-based Diets And Risk Of Hospitalization With Respiratory Infection: Results From The Atherosclerosis Risk In Communities (ARIC) Study

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PS.03.35  Preventive Cardiology

P215  A Qualitative Exploration Of Barriers And Facilitators To A Cardiac Rehabilitation-based Weight Loss Program For Patients With Atrial Fibrillation And Obesity.

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P216  Association Of Heart Rate Variability With The Risk Of Heart Failure And Its Sub-types In Post-menopausal Women: A Longitudinal Cohort Study

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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

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P218  Analysis Of YouTube Videos As A Patient-Education Tool For Cardiac Stress Testing

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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,
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

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P221 ASSOCIATION OF PSYCHOLOGICAL RESILIENCE WITH ALL-CAUSE AND CARDIOVASCULAR MORTALITY IN A GENERAL POPULATION IN ITALY: PROSPECTIVE FINDINGS FROM THE MOLI-SANI STUDY

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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

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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 SCHOOLS, Sterling, MA; Sarah Forrester, UMASS Medical Sch, Worcester, MA; April P Carson, UMMC Jackson Heart Study, Jackson, MS; Norrina Allen, NORTHWESTERN UNIVERSITY, Chicago, IL
Adverse Childhood Environment And Cardiovascular Health Score Across The Lifecourse: The Coronary Artery Risk Development In Young Adults (CARDIA) Study  
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Social Networks And Cardiovascular Disease Events Among Men And Women From The Jackson Heart Study  
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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

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

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

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

Child Opportunity Index And Prevalence Of Obesity And Hypertension In Adolescents With Congenital Heart Disease  
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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

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*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

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**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

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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 T2 Is A Global Marker Of Cardiometabolic Health: The Premier Study

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EP06 Serum Water T2 And Its Association With Cardiometabolic Health: The Premier Study

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EP07 A Longitudinal Lipidomics Profiling For Risk Of Chronic Kidney Disease In American Indians: The Strong Heart Family Study

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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


EP10 Obesity Is An Independent Risk Factor For Type 2 Myocardial Infarction-related Hospitalizations Without Significant Association With In-Hospital Mortality

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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, Jewish Hosp, Louisville, KY; Samir Ghimire, Kathmandu Medical Coll, Kathmandu, Nepal; Jilmil Raina, Brookdale Univ Hosp and Medical Ctr, Brooklyn, NY; Vikram Itare, Broncare 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; Vasan S Ramachandran, FRAMINGHAM HEART STUDY, Berlin, MA; Matthew G Nayor, Boston University Sch of Med, Boston, MA

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Emily Granados, D'Agostino Emily, Kathryn Pollak, Ashley C Skinner, Duke Univ, Durham, NC

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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, Ashley 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

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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
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Rosenda Murillo, Rensselaer, NY; Teresa Janevic, Mt. Sinai, New York, NY; Towfiqul Alam,  
Peace Okpala, Univ of North Carolina at Greensboro, Greensboro, NC

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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

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Kyeoun Park, Mohammed Ebrahim, Pyi Phyo Aung, Memorial Healthcare System,  
Hollywood, FL; Navya Konindala

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Alexander R Zheutlin, Univ of Utah, Salt Lake Cty, UT; Eric Stulberg, Univ of Utah, Salt Lake  
City, UT

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Jenny Jia, Matthew J O'Brien, Northwestern Univ, Chicago, IL

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Kyeoun Park, Pyi Phyo Aung, Memorial Healthcare System, Hollywood, FL; Htoo Myat Nge,  
Univ of Med 1, Yangon, Myanmar

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George Tawfellos, Albany Medical Coll, SI, NY; Mikhail Torosoff, ALBANY MEDICAL  
COLLEGE, Albany, NY

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Leanne Dumeny, Univ of Florida, Gainesville, FL; Caitrin W McDonough, UNIVERSITY OF  
FLORIDA, Gainesville, FL; Julio Duarte, UNIVERSITY OF FLORDIA, Gainesville, FL; Larisa  
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Kriti Lnu, UPMC Harrisburg, Harrisburg, PA; Resha khanal, Yijin Wert, Roberto Hodara,  
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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  
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   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

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   Alexander Zheutlin, Univ of Utah, Salt Lake Cty, UT; Alexander Chaitoff, Boston, MA; Joshua Niforatos, Johns Hopkins Dept of Emergency Med, Baltimore, MD

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   Abubakr A Al-shoaibi, Nagoya Univ, Graduate Sch of Med, Nagoya, Japan; Yuanying Li, Fujiuta Health Univ, Toyokea 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, Fujiuta Health Univ, Toyokea Aichi-prefecture, Japan; Atsuko Aoyama, Nagoya Univ, Graduate Sch of Med, Nagoya, Japan; Koji Tamakoshi, Nagoya Univ Sch of Health Sciences, Toyokea Aichi-prefecture, Japan; Atsuhiko Ota, Fujiuta Health Univ Sch of Med Graduate Sch of Med, Toyokea Aichi-prefecture, Japan; Hiroshi Yatsuya, Nagoya Univ, Graduate Sch of Med, Nagoya, Japan

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   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

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   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; Han Aiash, Upstate Medical Univ, Cardiovascular perfusion Dept, Suez Canal Univ, family Med Dept, New York, NY

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   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

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   Pyi Phyo Aung, Memorial Healthcare System, Pembroke Pines, FL; Kyeeun Park, Miramar, FL; Htoo Myat Nge, Miramar, FL, Pembroke Pines, FL
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*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

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*Angelia M Holland-Winkler*, Jordan Locklin, Andrew Moore, Augusta Univ, Augusta, GA

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*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

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EP43  **Obesity And Incident Cardiovascular Disease (CVD): The Jackson Heart Study**  
*Yan Gao*, Jeannette M Simino, U OF MISSISSIPPI MEDICAL CENTER, Jackson, MS; *Chiuhsieh Hsu*, UA, Tucson, AZ; *Adolfo Correa*, Nancy Min, U OF MISSISSIPPI MEDICAL CENTER, Jackson, MS

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*Genevieve Smith*, Camilo Fernandez Alonso, Gregory W. Stewart, Tulane Univ Health Sciences Ctr, New Orleans, LA

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*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

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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
Ema Mujic, Samantha Parker, BOSTON UNIVERSITY SCH PUBLIC HEALTH, Boston, MA; Christina Yarrington, BOSTON UNIVERSITY SCHOOL OF MEDICINE, Boston, MA

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EP52 Using Human-Centered Design Methodology To Identify Challenges In Cardiac Recovery And Cardiac Rehabilitation From Diverse Patient, Patient Health Partner, And Clinician Perspectives
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EP53 The Association Of Oral Hypofunction/locomotive Syndrome And Increased Arterial Stiffness
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EP54 Ideal Cardiovascular Health Metrics: Are They Just Cardiovascular Protective Factors?
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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 Onyilofof, 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)
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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 UNIVERSITY, 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; Friaylyn 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,
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 Universit, 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**  

EP65  **Left Coronary Artery Cross-sectional Area And Traditional Cardiovascular Risk Factors Among Asymptomatic South Asians: Results From The MASALA Study**  
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EP66  **Racial Differences In The Use Of Over-the-counter Non-steroidal Anti-inflammarory Drugs Among Individuals At Risk Of Adverse Cardiovascular Events**  

EP67  **Early Menopause Is Linked To Increased Risk Of Presenile Dementia Before Age 65 Years**  

EP68  **Can A Single Model For General Population Predict Cardiovascular Events In Cancer Survivors?**  

EP69  **Age, Sex And Race Disparities In Hypertension Control: The Multi-Ethnic Study Of Atherosclerosis (MESA)**  
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