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Save the Date!

EPI/Lifestyle 2019 Scientific Sessions

March 5-8, 2019
The Westin Galleria
Houston, Texas

Questions and Information

Questions

If you have questions after reading this program, contact the American Heart Association National Center, Dallas, Texas:

Telephone (888) 242.2453 or (214) 570.5935
Fax (214) 373.3406
Email scientificconferences@heart.org
Website professional.heart.org

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Letter from the Chairs

Dear Colleagues:

The American Heart Association Council on Epidemiology and Prevention and Council on Lifestyle and Cardiometabolic Health are pleased to welcome you to the EPI/Lifestyle 2018 Scientific Sessions.

The goal of the EPI/LIFESTYLE 2018 Scientific Sessions is to provide an opportunity for dialogue and exchange of ideas around research that will stimulate progress toward improving cardiovascular health for all. The conference theme this year is *Health Promotion: Risk Prediction to Risk Prevention*. Within this theme, research will be presented that stretches the boundaries of risk assessment methodology, informs translational research and guides implementation science. We hope that this exchange of ideas can open new avenues of study and highlight innovative approaches to reach into communities to improve cardiovascular health and reduce the burden heart disease and stroke.

The format maximizes the opportunities for thought-provoking interaction among scientists. Presentation of new research is organized around oral and poster abstracts, augmented by specially integrated translational science lectures and debates on current issues in preventive cardiology. During the conference, there is a strong emphasis on the education and training of early career scientists, and specific activities are designed to increase the opportunities for interaction between new and established investigators.

The program will focus on the epidemiology of health factors and subclinical and clinical cardiovascular disease outcomes. Relationships of cardiometabolic health and cardiovascular disease with nutrition (diet) and physical activity (fitness), obesity, diabetes and renal disease will be presented. Genetic and environmental epidemiology influences will also be explored. The effects of lifestyle interventions on cardiometabolic disease and its health factors and the results of cardiovascular disease prevention trials will also be presented.

The program also will provide participants the opportunity to learn current information about advances in measuring diet and physical activity; advances in techniques in preventive cardiology; behavioral strategies to promote and sustain lifestyle modifications; clinical, population and global health strategies to promote cardiometabolic health; outcomes research in cardiovascular health; guidelines development related to cardiovascular health; advances in techniques relevant to observational studies and clinical trials; genetic epidemiology; and methods of population surveillance for cardiovascular health and health factors.

We trust that you will find this an excellent educational and scientific experience and a great opportunity to meet and discuss these important issues with other scientists, practitioners and policy makers dedicated to the American Heart Association's mission of building healthier lives, free of cardiovascular diseases and stroke.

Kindest Regards,



A handwritten signature in cursive script, reading "Wayne D. Rosamond".

Wayne D. Rosamond, PhD, MS, FAHA
EPI/Lifestyle 2018 Program Chair



A handwritten signature in cursive script, reading "Deborah Rohm Young".

Deborah Rohm Young, PhD, FAHA
EPI/Lifestyle 2018 Program Chair

**The American Heart Association is a national voluntary health agency whose mission is:
"Building healthier lives, free of cardiovascular diseases and stroke."**

The American Stroke Association would like to acknowledge the following company for their generous support of EPI/Lifestyle 2018 Scientific Sessions:

Supported by an educational grant from Pfizer, Inc.

Sponsor:



Exhibitors:

**ADInstruments – Booth 11
Voices for Healthy Kids – Booth 5
Healthy For Good – Booth 7
Scientific Publications – Booth 12
AHA Professional Membership – Booth 13
(as of February 19, 2018)**

The American Heart Association Council on Epidemiology and Prevention and Council on Lifestyle and Cardiometabolic Health are grateful to the conference Program Committee members for their dedication and leadership in organizing and planning the programs.

EPI | Lifestyle 2018 Program Committee

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Wayne Rosamond, PhD, MS, FAHA, Chair, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina
Deborah Rohm Young, PhD, FAHA, Chair, Kaiser Permanente Southern California, Pasadena, California
Elizabeth Selvin, MPH, PhD, Vice-Chair, Johns Hopkins University, Baltimore, Maryland
Kristie J. Lancaster, PhD, RD, Vice-Chair, New York University, New York, New York

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Norrina B. Allen, PhD, MPH, Northwestern University Feinberg School of Medicine, Chicago, Illinois
Alvaro Alonso, MD, PhD, Emory University, Atlanta, Georgia
Cheryl A. M. Anderson, PhD, MPH, MS, FAHA, University of California San Diego, San Diego, California
Gerald S. Bloomfield, MD, MPH, FACC, FASE, FAHA, Duke University Medical Center, Durham, North Carolina
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Thomas Wang, MD, PhD, Vanderbilt University, Nashville, Tennessee

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Monik C. Jimenez, ScD, SM, Harvard Medical School, Boston, Massachusetts
Michele Mietus-Snyder, MD, Children's National Medical Center, Washington, D.C.
Chiadi E. Ndumele, MD, MHS, Johns Hopkins University, Baltimore, Maryland

Invited Presenters

Aruni Bhatnagar, PhD, FAHA, University of Louisville School of Medicine, Louisville, Kentucky
Matthew DeCamp, MD, PhD, John Hopkins University School of Medicine, Baltimore, Maryland
Alfredo Morabia, MD, PhD, MPH, MSc, Columbia University, New York, New York
Angela Odoms-Young, PhD, University of Illinois at Chicago, Chicago, Illinois
Mark Pletcher, MD, MPH, University of California, San Francisco, San Francisco, California
Veronique L. Roger, MD, Mayo Clinic, Rochester, Minnesota
Geoffrey H. Tison, MPH, University of California, San Francisco, San Francisco, California
Mintu Turakhia, MD, MAS, Stanford University, Stanford, California
Paul Whelton, MD, MSc, FAHA, Tulane University, New Orleans, Louisiana
William S. Weintraub, MD, MACC, FAHA, FESC, MedStar Washington Hospital Center, Washington DC

Invited Moderators

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Alvaro Alonso, MD, PhD, Emory University, Atlanta, GA
Cheryl A. M. Anderson, PhD, MPH, MS, FAHA, Duke University Medical Center, Durham NC
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Deirdre K. Tobias, ScD, Brigham and Women's Hospital, Boston, MA
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Deborah Rohm Young, PhD, FAHA, Kaiser Permanente Southern California, Pasadena, CA

Abstract Reviewers

The conference organizers gratefully acknowledge the following individuals for their assistance with the abstract grading process:

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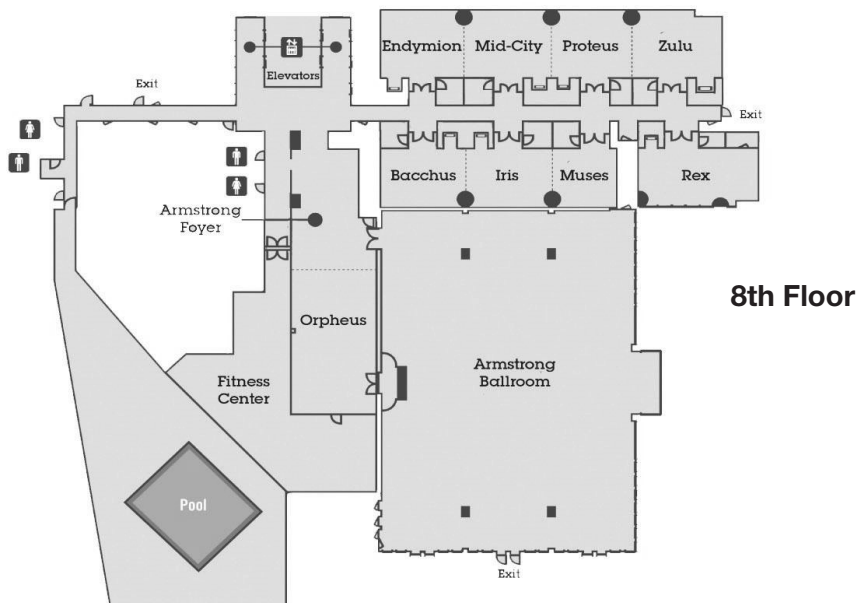
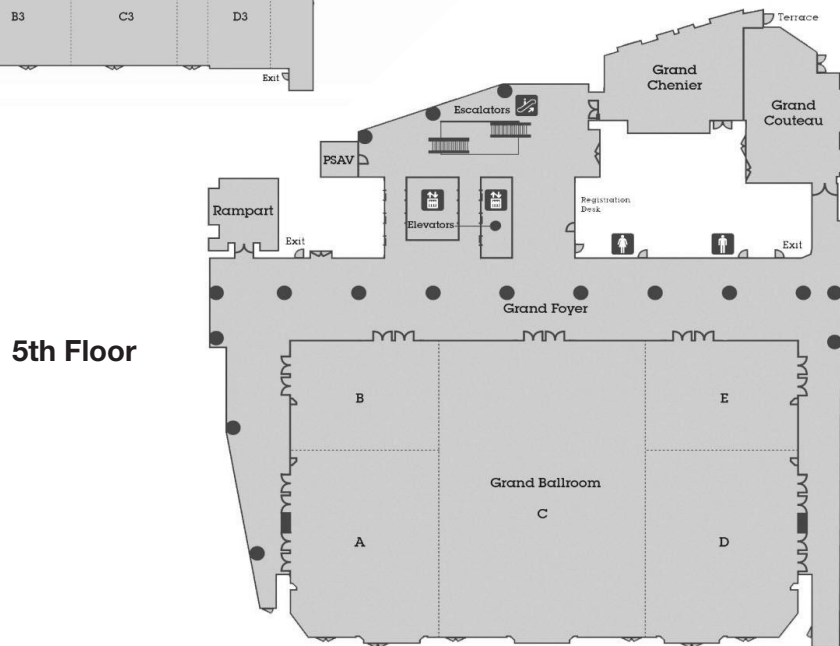
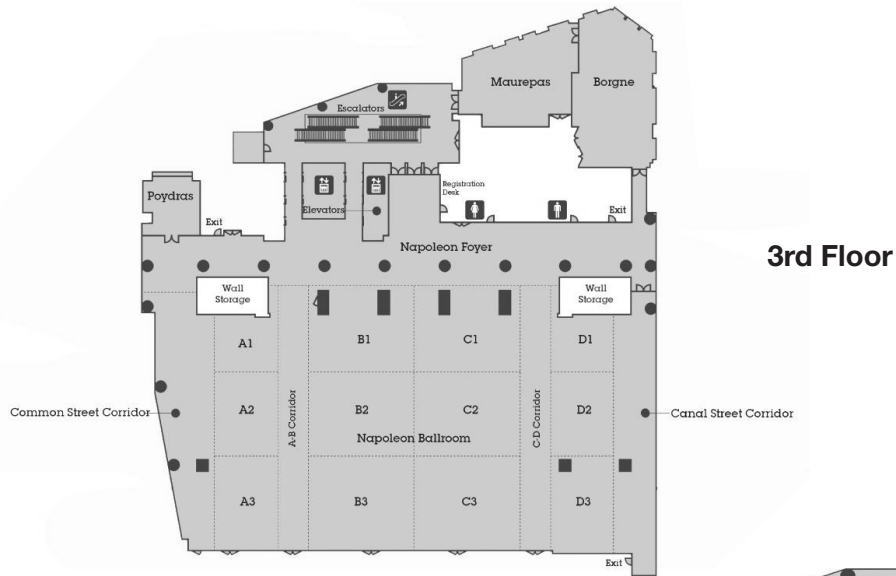
Room Locator

Tuesday, March 20, 2018		
8:00 AM-5:00 PM	Engaging Patients in Research: a PCORI Patient-Powered Research Summit	Grand Ballroom B and Napoleon A1,A2,A3
1:00-7:00 PM	Registration	Grand Foyer
1:00-7:00 PM	Membership and Scientific Publications Desk	Grand Foyer
1:00-7:00 PM	Speaker Resource Center	Rampart
2:00-4:45 PM	Attendee Poster Set-Up	Napoleon Ballroom
3:00-5:00 PM	SFRN Pre-Conference Session	Grand Ballroom A
5:00-7:00 PM	Poster Session 1	Napoleon Ballroom
7:00 AM-9:00 PM	Exhibitor Move-In	Grand Foyer
Wednesday, March 21, 2018		
7:00-8:00 AM	Refreshment/Coffee Break	Grand Foyer
7:00 AM-7:00 PM	Registration	Grand Foyer
7:00 AM-7:00 PM	Membership and Scientific Publications Desk	Grand Foyer
7:00 AM-5:00 PM	Speaker Resource Center	Rampart
7:00 AM-3:30 PM	Exhibits	Grand Foyer
7:30 AM-6:00 PM	Science News	Zulu
8:00-8:30 AM	Session 1: President's Welcome and Opening Remarks	Grand Ballroom CDE
8:30-10:00 AM	Session 1: Health Promotion: Risk Prediction to Risk Prevention	Grand Ballroom CDE
10:00-10:30 AM	Refreshment Break	Grand Foyer
10:30 AM-Noon	Session 2: Hypertension Guidelines and Prevention Oral: Hypertension (Rapid-Fire Format)	Grand Ballroom CDE
Noon-1:30 PM	Lifestyle Council Annual Business Meeting and Networking Luncheon	Grand Ballroom A
1:00-5:00 PM	NHLBI Trainee Session on Cardiovascular Epidemiology, Biostatistics and Prevention	Grand Couteau
1:30-3:00 PM	Oral Session 3: Risk Prediction	Grand Ballroom CDE
2:00-4:45 PM	Attendee Poster Set-Up	Napoleon Ballroom
3:00-3:30 PM	Refreshment Break	Grand Foyer
3:30-5:00 PM	Oral Session 4: Health Promotion and Disease Prevention	Grand Ballroom CDE
5:00-7:00 PM	Poster Session 2	Napoleon Ballroom
7:00-8:00 PM	EPI Hearts Diversity Reception	Grand Chenier
Thursday, March 22, 2018		
7:00-8:30 AM	Refreshment/Coffee Break	Grand Foyer
7:00 AM-5:00 PM	Registration	Grand Foyer
7:00 AM-5:00 PM	Membership and Scientific Publications Desk	Grand Foyer
7:00 AM-5:00 PM	Speaker Resource Center	Rampart
7:00 AM-3:30 PM	Exhibits	Grand Foyer
7:30 AM-6:00 PM	Science News Office	Zulu
8:00 AM-5:00 PM	Workplace Health Session	Grand Chenier
8:30-9:00 AM	Session 5: David Kritchevsky Memorial Lecture	Grand Ballroom CDE

Room Locator (continued)

9:00-10:00 AM	Oral Session 5: Cardiovascular Biomarkers	Grand Ballroom CDE
10:00-10:30 AM	Refreshment Break	Grand Foyer
10:00-10:30 AM	Connection Corner	Grand Couteau
10:30 AM-Noon	Session 6A (Concurrent): Hot Off the Press	Grand Ballroom CDE
10:30 AM-Noon	Session 6B (Concurrent): Lifecourse Epidemiology	Grand Ballroom AB
Noon-1:30 PM	EPI Council Annual Business Meeting and Networking Luncheon	Borgne
Noon-1:30 PM	Lifestyle Early Career Presentation and Luncheon: 3-Minute Thesis Competition (3MT™)	Napoleon A1-3 and Corridor
1:30-3:00 PM	Session 7: Stamler Award Finalists	Grand Ballroom CDE
2:00-4:45 PM	Attendee Poster Set-Up	Napoleon Ballroom
3:00-3:30 PM	Refreshment Break	Grand Foyer
3:00-3:30 PM	Connection Corner	Grand Couteau
3:30-5:00 PM	Session 8: Behavior Change Committee and A PCORI Patient-Powered Research Summit Findings	Grand Ballroom CDE
5:00-7:00 PM	Poster Session 3	Napoleon Ballroom
7:00-11:00 PM	Joint Council Dinner	Armstrong Ballroom
Friday, March 23, 2018		
7:00-8:30 AM	Refreshment/Coffee Break	Grand Foyer
7:00 AM-5:00 PM	Registration	Grand Foyer
7:00 AM-5:00 PM	Membership and Scientific Publications Desk	Grand Foyer
7:00 AM-5:00 PM	Speaker Resource Center	Rampart
7:00-10:30 AM	Exhibits	Grand Foyer
7:30-8:30 AM	Early Career Session: Lost or Found? Identifying Your Niche in Academic Research	Borgne
7:30 AM-5:00 PM	Science News Office	Zulu
8:30-9:00 AM	Session 9: Richard D. Remington Methodology Lecture	Grand Ballroom CDE
9:00-10:00 AM	Session 9: Diabetes and Obesity	Grand Ballroom CDE
10:00-10:30 AM	Refreshment Break	Grand Foyer
10:00-10:30 AM	Connection Corner	Grand Couteau
10:30 AM-Noon	Session 10A (Concurrent): Physical Activity	Grand Ballroom CDE
10:30 AM-Noon	Session 10B (Concurrent): OMICS	Grand Ballroom AB
10:30 AM-Noon	Exhibitor Move-Out	Grand Foyer
Noon-1:30 PM	EPI Early Career Lunchtime Roundtable: Forging International Collaboration	Napoleon A1-3 and Corridor
1:30-2:00 PM	Session 11: The William B. Kannel, MD Memorial Lecture	Grand Ballroom CDE
2:00-3:00 PM	Session 11: Nutrition	Grand Ballroom CDE
3:00-3:30 PM	Refreshment Break	Grand Foyer
3:00-3:30 PM	Connection Corner	Grand Couteau
3:30-4:30 PM	Session 12: Annual Debate	Grand Ballroom CDE

Hotel Map



Program Information

Conference Description and Learning Objectives

Conference Description

Each year, the American Heart Association's Council on Epidemiology and Prevention and Council on Lifestyle and Cardiometabolic Health plan EPI/Lifestyle Scientific Sessions with the overarching goal of promoting development and application of translational and population science to prevent heart disease and stroke and foster cardiovascular health. Sessions are a principal venue for presenting patient- and population-based research in CVD prevention. Results from observational studies and trials presented at this meeting influence national and international policies and affect billions of researchers, clinicians and patients worldwide. This year, sessions are built around a theme of *"Health Promotion: Risk Prediction to Risk Prevention."*

Learning Objectives

At the conclusion of this program participants should be able to:

- Recognize opportunities to address modifiable risk factors for CVD to help meet AHA components of ideal cardiovascular health.
- Explore the causes and health consequences of continuing disparities in CVD risk factors among certain racial/ethnic, age, gender and socioeconomic groups.
- Describe the impact of the built environment on the health of populations and identify research and preventive opportunities to improve such environments.
- Discuss current guidelines and research needs related to primordial and primary CVD prevention in children and adolescents.
- Explain the concept of precision medicine and identify opportunities and applications for precision medicine in CVD prevention and treatment.
- Identify educational opportunities for early-career cardiologists regarding career pathways and opportunities for research in cardiovascular epidemiology and prevention.

Please visit the Registration Desk for information on Continuing Medical Education Accreditation

Abstract Presentations

Abstracts presented at EPI/Lifestyle Scientific Sessions will be published online in *Circulation*.



www.Twitter.com/AHAMeetings
Please use hashtag #EPI LIFESTYLE18 for all tweets!

Conference Highlights

Featured Lectures and Keynotes

Wednesday, March 21, 8:00 AM: Please join us for the opening session, “**Health Promotion: Risk Prediction to Risk Prevention,**” featuring welcoming remarks from American Heart Association President John Warner, MD, and Wayne D. Rosamond, PhD, MS, FAHA, EPI/Lifestyle planning chair.

Keynote presentations will feature Alfredo Morabia, MD, PhD, MPH, MSc, Columbia University, New York, New York; Angela Odoms-Young, PhD, University of Illinois at Chicago; and Mintu Turakhia, MD, MAS, Stanford University, Stanford, California.

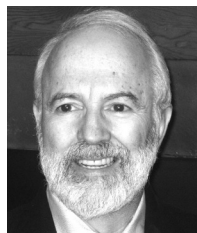
Wednesday, March 21, 10:30 AM: Hypertension Session, featuring Paul Whelton, MD, MSc, FAHA, Tulane University, New Orleans, Louisiana, followed by 10 abstracts presented in a rapid-fire format.

Thursday, March 22, 10:30 AM: “Hot Off the Press,” featuring important publications released less than six months before the conference. Please visit the Registration Desk for details on the presentations.

Thursday, March 22, 3:30 pm: Session 8 showcases two special features:

3:30-4:15 PM Sponsored by the Behavior Change Committee featuring Aruni Bhatnagar, PhD, FAHA University of Louisville School of Medicine to discuss tobacco and behavior change.

4:15– 5:00 PM Mark Pletcher, MD, MPH, University of California, San Francisco will provide an overview of PCORnet, CVH CRG, and Recap from the PCORI Patient-Powered Research Summit held on Tuesday, March 20, 2018.



The David Kritchevsky Memorial Lecture

Barry M. Popkin, PhD, University of North Carolina, Chapel Hill, North Carolina

The David Kritchevsky Memorial Lecture was established in 2007 to honor a scientist who made fundamental contributions to our knowledge of diet and its impact on atherosclerosis. He was one of the first to study the link between cholesterol and cardiovascular risk. Subsequently, he reported on the differential effects of animal and vegetable proteins on atherosclerosis. This year’s honoree, Barry Popkin, PhD, University of North Carolina, Chapel Hill, North Carolina, will present his lecture at 8:30-9:00 AM on Thursday, March 22, 2018.



The Richard D. Remington Methodology Lecture

Joel D. Kaufman, MD, MPH, University of Washington School of Public Health, Seattle, Washington

The Richard D. Remington Methodology Lecture was established in 1994 in honor of the former chair of the Council on Epidemiology and Prevention and past recipient of the American Heart Association Gold Heart Award and the Award of Merit. This year’s honoree, Joel Kaufman, MD, MPH, University of Washington School of Public Health, Seattle, Washington, will present his lecture at 8:30-9:00 AM on Friday, March 23, 2018.



The William B. Kannel Memorial Lecture

Emelia J. Benjamin, MD, ScM, FAHA, Boston University Schools of Medicine and Public Health, Framingham, Massachusetts

The William B. Kannel Memorial Lecture was established in 2013 jointly by the Council on Epidemiology and Prevention and the American Society of Preventive Cardiology to honor Dr. Kannel’s dedication to the field of cardiovascular epidemiology. Dr. Kannel was a past chairman of the Council of Epidemiology of the American Heart Association and a past chief of the Section of Preventive Medicine and Epidemiology in the Department of Medicine at Boston University Medical Center. This year’s honoree, Emelia J. Benjamin, MD, ScM, FAHA, Boston University Schools of Medicine and Public Health, Framingham, Massachusetts, will present her lecture at 1:30-2:00 PM on Friday, March 23, 2018.

Conference Awards

The **Council on Epidemiology and Prevention** is pleased to announce the names of the winners and finalists of the four sponsored awards. **All awardees will be recognized at the Joint Council Dinner at 7:00 PM Thursday, March 22.**

The **Jeremiah and Rose Stamler Research Award for New Investigators** is named for the Stamlers in appreciation of their seminal contributions to cardiovascular disease epidemiology. The award recognizes and stimulates excellence in research by investigators in training.

Finalists	Presentation Number	Presentation Date/Time
Stephanie Mayne	033	Thursday, March 22, 1:30 PM
Marissa Reitsma	034	Thursday, March 22, 1:45 PM
Emily Bucholz	035	Thursday, March 22, 2:00 PM
Yujin Lee	036	Thursday, March 22, 2:15 PM
Sadiya Khan	037	Thursday, March 22, 2:30 PM

The winner will be announced during the Joint Council Dinner on Thursday, March 22.

The **Sandra A. Daugherty Award for Excellence in Cardiovascular Disease or Hypertension Epidemiology** is named for Dr. Sandra Daugherty in appreciation of her outstanding career as a clinical researcher and epidemiologist working in the areas of hypertension, chronic fatigue syndrome and women's health issues. The award recognizes the role of junior faculty and stimulates excellence in research by junior investigators.

Finalists	Presentation Number	Presentation Date/Time
Bernhard Haring	MP37	Wednesday, March 21, 5:30 PM
Stan Biryukov	P208	Wednesday, March 21, 5:00 PM
Zakaria Almuwaqqat	MP59	Thursday, March 22, 5:30 PM
Nicole Spartano	MP24	Tuesday, March 20, 5:30 PM
Noel Mueller	029	Thursday, March 22, 11:00 AM

The winner will be announced during the Joint Council Dinner on Thursday, March 22. *The Council on Epidemiology and Prevention gratefully acknowledges the grant provided by the Sandra A. Daugherty Foundation.*

Winners for the following awards will be recognized at the Joint Council Dinner at 7:00 PM Thursday, March 22.

The **Roger R. Williams Memorial Award for Genetic Epidemiology and the Prevention and Treatment of Atherosclerosis** is named for Dr. Roger R. Williams' pioneering work in the field of the genetics of inherited lipid disorders and the prevention of atherosclerosis.

Winner	Presentation Number	Presentation Date/Time
Victor Zhong	051	Friday, March 23, 11:15 AM

The Council on Epidemiology and Prevention gratefully acknowledges the grant provided by Merck, Inc. for the support of this award.

The **Trudy Bush Fellowship for Cardiovascular Disease Research in Women's Health** is named for Dr. Trudy Bush, to honor her outstanding leadership in the field of women's health and contributions to cardiovascular science.

Winner	Presentation Number	Presentation Date/Time
Kara Whitaker	046	Friday, March 23, 11:30 AM
Jie Hu	MP68	Thursday, March 22, 5:30 PM
Nora Franceschini	MP64	Thursday, March 22, 5:30 PM

The **Council on Lifestyle and Cardiometabolic Health** is pleased to announce the names of the winners of the following awards. **All awardees will be recognized at the Joint Council Dinner at 7:00 PM Thursday, March 22.**

Award for Excellence in Research Addressing Cardiovascular Health Equity. This award recognizes an outstanding abstract submitted by an investigator in the area of cardiovascular health equity, including the areas of health behaviors, risk factors and CVD clinical outcomes..

Winner	Presentation Number	Presentation Date/Time
Ambarish Pandey	023	Thursday, March 22, 9:00 AM

The Council on Lifestyle and Cardiometabolic Health gratefully acknowledges the educational grant provided by the AHA Industry Nutrition Advisory Panel for the support of this award.

Conference Awards (continued)

The **Early Investigator Travel Award** encourages trainees and early career investigators to pursue careers in cardiovascular research related to lifestyle and cardiometabolic health. The key topic areas include behavior, diabetes, lipids, nutrition, obesity and physical activity. The council is dedicated to honoring early career investigators and exposing them to AHA conferences and learning opportunities.

Winners	Presentation Number	Presentation Date/Time
Kate Bowen	P382	Wednesday, March 21, 5:00 PM
Huicui Meng	MP38	Wednesday, March 21, 5:30 PM
Junxiu Liu	MP39	Wednesday, March 21, 5:30 PM
Yang Hu	041	Friday, March 23, 9:45 AM
Amanda Perak	P096	Tuesday, March 20, 5:00 PM

The **Mark Bieber Award** honors the memory of Dr. Mark Bieber, one of the founding members of the AHA Industry Nutrition Advisory Panel, for his significant contributions to the field of nutritional science.

Winner	Presentation Number	Presentation Date/Time
Casey Rebholz	056	Friday, March 23, 2:30 PM

The Council on Lifestyle and Cardiometabolic Health gratefully acknowledges the educational grant provided by the AHA Industry Nutrition Advisory Panel for the support of this award.

The **Steven N. Blair Award for Excellence in Physical Activity Research** is named for Dr. Blair in appreciation of his outstanding career as a clinical researcher working in the areas of exercise, physical activity and cardiovascular health.

Winner	Presentation Number	Presentation Date/Time
John Jakicic	018	Wednesday, March 21, 3:45 PM

The **Scott Grundy Fellowship Award for Excellence in Metabolism Research** is named for Dr. Scott Grundy, a distinguished leader in the metabolic determinants of atherosclerosis. The award recognizes three outstanding abstracts submitted by young investigators.

Winners	Presentation Number	Presentation Date/Time
Justin Echouffo Tcheugui	030	Thursday, March 22, 11:15 AM
Deirdre Tobias	048	Friday, March 23, 10:30 AM
Geng Zong	MP42	Wednesday, March 21, 5:30 PM

The **Council on Epidemiology and Prevention** is pleased to support the following awards. **Winners will be recognized at the Joint Council Dinner at 7:00 PM Thursday, March 22.**

Epidemiology and Prevention Mentoring Award Winner

Lori Mosca, MD, PhD, MPH, FAHA, Columbia University Medical Center

Epidemiology and Prevention Early Career Travel Award Winners

Bethany Warren, BA, Johns Hopkins University
 Marta Guasch-Ferre, PhD, Harvard T. H. Chan School of Public Health
 Luisa Brant, MD, PhD, Universidade Federal de Minas Gerais
 Essa Hariri, MD, University of Massachusetts Medical School
 Tianyi Huang, ScD, Brigham and Women's Hospital

Epidemiology and Prevention Minority Travel Grant Winners

Martha Tamez, MHSc, Harvard T. H. Chan School of Public Health Oluwaseun Fashanu, MBBS, Johns Hopkins University
 Dayna Johnson, PhD, Brigham and Women's Hospital
 Lena Mathews, MD, Johns Hopkins School of Medicine
 Obiora Egbuche, Morehouse School of Medicine
 J'Neka Claxton, BS, Emory University, Rollins School of Public Health Gabriel Tajeu, DPH, Temple University College of Public Health
 Joniqua Ceasar, BS, National Institutes of Health
 Christy Taylor, MPH, University of Pittsburgh
 Symbielle Gaston, PhD, MPH, National Institute of Environmental Health Sciences

The **American Society for Preventive Cardiology** will present the **Joseph Stokes III Award in Preventive Cardiology** to Neil J. Stone, MD, MACP, FAHA, FACC. The award commemorates Joseph Stokes, III, MD, a cardiologist and epidemiologist who was co-principal investigator of the Framingham Heart Study. Dr. Stokes joined the project in 1951 as a U.S. Public Health Service physician. During his long and illustrious career, Dr. Stokes promoted education, research and clinical practice in the field of preventive cardiology. **The award will be presented at the Council Dinner at 7:00 PM on Thursday, March 22.**

Special Features

Participate in a variety of special activities, many of which provide networking and educational opportunities for young investigators.

- **Engaging Patients in Research: A PCORI Patient-Powered Research Summit, Tuesday, March 20, 8:00 AM-5:00 PM**

Is an interactive research design workshop for patients and researchers interested in partnering to create impactful, patient-engaged research projects. By the end of the Summit, we hope to facilitate learning around patient engagement and generate new ideas and collaborations for PCORnet projects. Following the workshop, participants will be invited to submit an LOI for a PCORnet proposal. Accepted projects will receive query support from the Cardiovascular Health Collaborative Research Group, to support a 2018 grant submission utilizing PCORnet.

- **Strategically Focused Research Network, Tuesday, March 20, 3:00-5:00 PM**

The AHA SFRNs will host a Pre-conference Session at the EPI/Lifestyle 2018 Scientific Sessions to report the progress and innovation taking place across all networks. This session will include the opportunity for future SFRN applicants to connect with current investigators and be open to all EPI/Lifestyle 2018 Scientific Sessions attendees and currently-funded SFRN awardees.

- **Lifestyle and Cardiometabolic Health Annual Business Meeting and Networking Luncheon Wednesday, March 21, Noon-1:30 PM**

The Lifestyle and Cardiometabolic Health Annual Business Meeting and Networking Luncheon is great opportunity to get caught up on activities related to the Lifestyle Council's significant mission, and to meet some key leaders in the council. Following the luncheon, the Lifestyle Early Career Committee is pleased to host a special session entitled "**Keeping the Balance: Avoiding Burnout and Managing Time Demands in Academia.**" Open to all attendees, this session will focus on best strategies to manage challenging time demands while avoiding burnout in the academic environment - a topic of critical importance for a successful career in CVD research. Panelists will include successful junior, mid, and senior-level faculty who will share their experiences with and successful strategies for maintaining work-life balance while successfully furthering their careers.

Panel:

Ryan Demmer, PhD, MPH, FAHA, Associate Professor, Division of Epidemiology and Community Health School of Public, University of Minnesota

Mercedes Carnethon, PhD, FAHA, Associate Professor and Vice Chair Department of Preventive Medicine, Feinberg School of Medicine, Northwestern University

Bethany Baron Gibbs, PhD, FAHA, Assistant Professor, University of Pittsburgh

Cheryl Anderson PhD, MPH, MS, FAHA, Associate Professor and Interim Chair, Preventive Medicine, UC San Diego School of Medicine

Ticketed event. Tickets may be purchased at the registration desk if still available.

- **NHLBI Trainee Session on CVD Epidemiology, Biostatistics and Prevention, Wednesday, March 21, 1:00-5:00 PM**

Trainees in the National Heart, Lung, and Blood Institute-supported programs will present their work. All conference registrants are invited to attend. *There is no separate registration fee.*

- **Hearts Diversity Reception, Wednesday, March 21, 7:00-8:00 PM**

Hosted by the Council on Epidemiology and Prevention Minority Committee, the informal reception is for all minority attendees to network. It includes light hors d'oeuvres and a cash bar after the poster session on Wednesday evening.

- **Workplace Health Session: Translating Research into Solutions to Improve Workplace Health & Well-Being, Thursday, March 22, 8:00 AM-5:00 PM**

The AHA Center for Workplace Health Research and Evaluation will host a 1-day conference on Workplace Health Science and Practice at the 2018 EPI/Lifestyle Scientific Sessions. The program will highlight the latest research in occupational health promotion, and how employers are implementing solutions in real-world settings. Topics will include integrated strategies to improve heart health; building emotional health; digital therapeutics to improve cardiometabolic health; and benchmarking performance.

Special Features (continued)

- **Council on Epidemiology and Prevention Annual Business Meeting and Networking Luncheon, Thursday, March 22, Noon-1:30 PM**

The Council on Epidemiology and Prevention Annual Business Meeting and Networking Luncheon is great opportunity to get caught up on activities related to the EPI Council's significant mission, and to meet some key leaders in the council. Following the luncheon, the EPI Early Career Committee is pleased to host a special session entitled, **Global Engagement in Cardiovascular Epidemiology**. The objective of this panel session will be to share ideas, experiences, feedback, and insights into building international collaborations. Panelist will provide perspectives from their individual experiences and advice on how to build and sustain fruitful international collaborations.

Panel:

Gerald Bloomfield, MD, MPH, Duke University Medical Center
Tom Ribeiro, MD, PhD, ELSA collaboration; Federal University of Minas Gerais, Brazil
Kunihiko Matsushita, MD, PhD, Johns Hopkins School of Public Health

Tickets may be purchased at the Registration Desk if still available.

- **Hot Off the Press, Thursday, March 22, 10:30 AM**

This session will provide a forum for in-depth discussion of important publications released less than six months before the conference. *For details, please visit the Registration Desk.*

- **Joint Council Annual Reception and Dinner, Thursday, March 22, 7:00 PM**

The cost is \$50 per person for registrants and their guests. A cash bar will be offered along with food, drinks and great entertainment. *Tickets may be purchased at registration (seating is limited).*

Early Career Special Events

- **Lifestyle and Cardiometabolic Health Annual Business Meeting and Networking Luncheon: Keeping the Balance: Avoiding the Burnout and Managing Time Demands in Academia, Wednesday, March 21, Noon-1:30 PM**
- **Council on Epidemiology and Prevention Annual Business Meeting and Networking Luncheon, Global Engagement in Cardiovascular Epidemiology, Thursday, March 22, Noon-1:30 PM**
- **Lifestyle Early Career Lunchtime Session: Three Minute Thesis Competition (3MT™), Thursday, March 22, Noon-1:30 PM**

Listen to five selected graduate students present a compelling oration on their thesis or dissertation topic in three minutes or less. A panel of Lifestyle Council volunteer leaders will determine the best presentation after questioning each competitor and award the most compelling oration the grand prize, courtesy of the Lifestyle Early Career Committee.

- **EPI Early Career Morning Session: Lost or Found? Identifying Your Niche in Academic Research, Friday, March 23, 7:30-8:30 AM**

Developing your own niche in academic research can be daunting. During this fireside chat, we'll have an open conversation about how others across the career spectrum have found their unique areas of expertise.

- **Early Career Roundtable Luncheon: Forging International Collaboration, Friday, March 23, Noon-1:30 PM**

Interested in learning more about how to initiate and foster collaborations with internationally based cohorts? This session will provide attendees with the opportunity to ask investigators from several major international cohorts questions about data resources and collaboration in an informal setting. To allow for exposure to several studies we will be utilizing a "speed dating" format. This format will allow you approximately 20 minutes with up to three study investigators.

Special Features (continued)

- **Connection Corner** is an excellent networking opportunity for conference attendees (especially first-time attendees and junior investigators). This year's Connection Corners will give you an opportunity to get advice on key skills to promote your career. Have questions on your specific aims or need constructive feedback on your elevator pitch, drop by the Connection Corner tables to take advantage of the wealth of experience available from more senior faculty in an informal setting. To gain the most out the experience please come prepared with the relevant materials.

Connection Corner Topics:

Thursday, March 22, 10:00-10:30 AM

Practice Your Elevator Speech

Dr. Brooke Aggarwal and Dr. Mercedes Carnethon

Thursday, March 22, 3:00-3:30 PM

Specific Aims

Dr. Norrina Allen and Dr. Deepak Gupta

Friday, March 23, 10:00-10:30 AM

Boosting Your CV

Dr. Christopher Imes and Dr. John Wilkins

Friday, March 23, 3:00-3:30 PM

How to Leverage Non-NIH Funding

Dr. Adolfo Correa and Dr. Casey Rebholz



Exhibits

Be sure to stop by the exhibit booths during the conference. Exhibits will be open the following hours and a full list of Exhibitors can be obtained at the registration desk.

Wednesday, March 21 7:00 AM–3:30 PM

Thursday, March 22 7:00 AM–3:30 PM

Friday, March 23 7:00 AM–10:30 AM

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Program Information

Speaker Resource Room

The Speaker Resource Room is located in Rampart. Speakers are asked to deliver their presentations on **CD Rom or USB drive to the Speaker Resource Room at least 12 hours before the beginning of the session in which they will speak.** (If you are speaking Wednesday morning, see hours for Tuesday below.) Speakers may review and finalize their presentations before submission. It is imperative that you review your presentation in the Speaker Resource Room if it contains video files or was created on a Macintosh computer. Staff will be on hand to assist with technical issues.

The **Speaker Resource Room** will be open during the following hours:

Tuesday, March 20	1:00–7:00 PM
Wednesday, March 21	7:00 AM–5:00 PM
Thursday, March 22	7:00 AM–5:00 PM
Friday, March 23	7:00 AM–5:00 PM

Registration Hours

Tuesday, March 20	1:00–7:00 PM
Wednesday, March 21	7:00 AM–7:00 PM
Thursday, March 22	7:00 AM–5:00 PM
Friday, March 23	7:00 AM–5:00 PM

AHA HealthJobsPlus

The American Heart Association, in partnership with Lippincott Williams & Wilkins (a Wolters Kluwer business), is proud to offer HealthJobsPlus.com. HealthJobsPlus.com provides a first-rate source for those seeking and posting jobs by connecting qualified healthcare professionals with top-notch employers.

Hotel Services

Check-in and Check-out

- Check-in: 4:00 PM
- Check-out: Noon

Internet Access

- Attendees staying at the Sheraton New Orleans: Complimentary Internet access will be available in your guest room, lobby and restaurant area. Access code will be provided at hotel check-in.
- Attendees staying at other hotel properties: Complimentary Internet access is available in the Sheraton New Orleans meeting space. Please visit the EPI/Lifestyle Registration Desk for the access code.

Parking

- Sheraton New Orleans: Self-parking is not available.
- Valet parking service is provided by PMS, LLC in their secure garage adjacent to the hotel. Due to limited space, parking is available on a first-come, first-served basis and cannot be reserved. Note that oversized vehicles cannot be accommodated. Valet Parking is \$51.98-\$62.15 USD per day.

Fitness Center and Swimming Pool

- A self-service fitness center is available on the 8th floor.
- The fitness centers are open 24 hours with room key access. Access is complimentary.
- An outdoor pool is located on a rooftop deck on the 8th floor. Open weather permitting.
- Hours: 6:00 AM-10:00 PM Monday-Sunday

Business Center

- The full-service FedEx Business Center is located in the hotel lobby near the Camp Street entrance. Registered hotel guests also enjoy access to a 24-hour self-service center adjacent to the Gallery meeting space.
- Hours: 7:00 AM-7:00 PM Monday-Friday, 8:00 AM-2:00 PM Saturday, 10:00 AM-2:00 PM Sunday

Policy Information

Disclaimer

The event is a scientific and educational conference for exchanging and discussing research results and scientific developments in the field of cardiovascular disease. Accordingly, the American Heart Association cannot and does not offer any assurance or warranty of the accuracy, truthfulness or originality of the information presented at the conference.

AHA Harassment Policy

The AHA requires that all attendees, exhibitors, presenters, contractors, vendor and volunteers of the AHA meeting comply with all federal, state and local laws and regulations, including those that prohibit harassment and discrimination against individuals based on their race, color, religion, sex, sexual orientation, gender identity or national origin.

Embargo Guidelines

Conference lectures and presentations are embargoed for release at the time of presentation or release by the AHA media office. Information may not be released before the scheduled presentation time.

Recording Policy

Unauthorized recording of the AHA Scientific Sessions, scientific conferences and International Stroke Conference is prohibited, whether by video, still, or digital photography, audio, or any other recording or reproduction mechanism. This includes recording of presentations and supporting audiovisual materials and of poster presentations and supporting poster materials.

The American Heart Association and American Stroke Association reserve the rights to all recordings or reproductions of presentations at AHA/ASA scientific conferences and meetings.

Exceptions to this policy of prohibition are (1) nonflash photography of the speaker and his/her presentation materials is permitted by attendees or AHA/ASA accredited reporters with the prior written consent of the AHA/ASA and the speaker; (2) other photography and videotaping by AHA/ASA accredited reporters is permitted if not disruptive; (3) audiotape recording for strictly personal and noncommercial use is permitted if not disruptive; and (4) exhibitors may photograph their own booth for their own promotional purposes with the prior written consent of the AHA/ASA.

Conference Photography

Please be aware that during the conference, attendees, vendors and guests may be photographed and videotaped by AHA vendors in capturing the event. Some of these photographs or videos may be displayed by the AHA in future publications or materials connected with the event. If you do not wish your image to be displayed by the AHA, please contact the AHA in writing at 7272 Greenville Avenue, Dallas, TX 75231, Attention: Manager, Scientific Conferences, Annual EPI/LIFESTYLE Conference, no later than March 22, 2018.

No Smoking Policy

The AHA policy prohibits smoking in conference meeting rooms and exhibits/registration areas. Thank you for your cooperation.

Seating/Badge Requirement

Seating is on a first-come, first-served basis. According to fire code, a session must be closed if the room fills to capacity. You must wear your name badge at all times during the symposium. Nonregistered guests may not be permitted into the sessions or food and beverage events. Be sure to remove your badge when you leave the conference or your hotel room. The American Heart Association reserves the right to revoke or deny attendance of any registered participant, speaker, exhibitor, news media reporter, or photographer of presentations or activities at AHA/ASA scientific conferences and meetings. .

Please note: The American Heart Association shall not be liable for cancellation of the Epidemiology and Prevention/Lifestyle and Cardiometabolic Health 2018 Scientific Sessions caused by labor strikes, civil disorders, fires.

Satellite Symposium

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

Wednesday, March 21

1:00–5:00 PM

Grand Couteau

Presentations will be 10 minutes, followed by 5 minutes of discussion.

Session I

1:00–3:00 PM

Moderators:

Charlotte Pratt, PhD, MS, RD, FAHA,
National Heart, Lung, and Blood Institute
Anna Kucharska-Newton, PhD, MPH, MS,
University of North Carolina, Chapel Hill

- 1:00 **Eating behavior and body composition in Chilean young adults: results from the Santiago Longitudinal Study**
Pacheco LS, Blanco E, University of California, San Diego, La Jolla, CA; Burrows R, Correa-Burrows P, University of Chile, Santiago, Chile; Santos JL, Pontificia Universidad Católica de Chile, Santiago, Chile; Gahagan S, University of California, San Diego, La Jolla, CA
- 1:15 **The Association of Healthy Lifestyles and Markers of Inflammation: Results from the Hispanic Community Health Study/Study of Latinos (HCHS/SOL)**
Linares J, University of Illinois, Chicago, IL; Vu TT, Northwestern University, Chicago, IL; Pirzada A, Wu D, University of Illinois, Chicago, IL; Durazo-Arvizu R, Loyola University, Chicago, IL; Estrella M, Arredondo E, Cai J, University of Illinois, Chicago, IL; Gallo L, San Diego State University, San Diego, CA; Gonzalez H, Michigan State University, East Lansing, MI; Isasi C, Einstein College of Medicine, New York, NY; Penedo F, Northwestern University, Chicago, IL; Teng Y, University of North Carolina at Chapel Hill, Chapel Hill, NC; Daviglus ML, University of Illinois, Chicago, IL
- 1:30 **Dietary Adherence and Dietary Quality are Associated with Weight Loss Success Among Those Following Low-Fat and Low-Carbohydrate diets**
Hauser ME, Hartle J, Qin F, Rigdon J, Del Gobbo L, Shih C, Gardner CD, Stanford University, Palo Alto, CA
- 1:45 **Differential Response to a Lifestyle Intervention Between Parents and Non-Parents**
Bramante CT, Thornton RJ, Pilla SJ, Maruthur N, Venkataramani M, Clark JM, Johns Hopkins University, Baltimore, MD

- 2:00 **An Activity Space Approach to Assessing the Food Environments of Food Secure and Insecure Women**
Raskind IG, Kegler MC, Kramer MR, Emory University, Atlanta, GA
- 2:15 **Dietary Intake of Vitamin K and the Risk of Incident Pulmonary Embolism in the Nurses' Health Study**
Harrington LB, Harvard University, Boston, MA; Mukamal KJ, Beth Israel Deaconess Medical Center, Boston, MA; Hagan KA, Kang JH, Kim J, Rimm EB, Harvard University, Boston, MA; Kabrhel C, Massachusetts General Hospital and Harvard Medical School, Boston, MA; Jensen MK, Harvard University, Boston, MA
- 2:30 **Trends in Serum Lipids in US Youth Ages 6 to 19 Years: National Health and Nutrition Examination Survey 2003 to 2014**
Perak AM, Ning H, Van Horn LV, Northwestern University, Chicago, IL; de Ferranti SD, Boston Children's Hospital, Boston, MA; Lloyd-Jones DM, Northwestern University, Chicago, IL
- 2:45 **Stability of Obesity and Metabolic Health and the Risk of Cardiovascular Disease**
Sponholtz TR, Boston University School of Medicine, Boston, MA; Echouffo-Tcheugui, JB, Brigham and Women's Hospital, Boston MA; Ramachandran VS, Boston University School of Medicine, Boston, MA
- 3:00 **Break**

Session II

3:15–5:00 PM

Moderators:

Matthew Allison, MD, MPH, University of California San Diego
April Carson, PhD, MSPH, University of Alabama, Birmingham

- 3:15 **Gene-lifestyle Index Interactions Detect Novel Blood Pressure Loci**
Osazuwa-Peters OL, Schwander K, Sung YJ, de las Fuentes L, Rao DC, Washington University, St. Louis, MO
- 3:30 **Individual Characteristics of Resilience are Associated with Lower-Than-Expected Neighborhood Rates of Cardiovascular Disease in African-Americans: Results from the Morehouse-Emory Cardiovascular (MECA) Center for Health Equity Study**
Topel, ML, Emory University, Atlanta, GA; Xu J, Baltrus P, Morehouse School of Medicine, Atlanta, GA; Vaccarino V, Emory University, Atlanta, GA; Mujahid MS, UC Berkeley, Berkeley, CA; Quyyumi AA, Emory University, Atlanta, GA; Taylor HA, Morehouse School of Medicine, Atlanta, GA; Lewis TT, Emory University, Atlanta, GA.

Satellite Symposium (continued)

3:45 **Comparison of Fasting and Nonfasting Lipoprotein Subfractions and Size in 13,460 Apparently Healthy Individuals**
Farukhi Z, Demler O, Brigham and Women's Hospital, Harvard Medical School, Boston, MA; Caulfield MP, Quest Diagnostics, San Juan Capistrano, CA; Kulkarni K, VAP Diagnostics Laboratory, Birmingham, AL; Wohlgemuth J, Quest Diagnostics, San Juan Capistrano, CA; Cobble M, VAP Diagnostics Laboratory, Birmingham, AL; Luttmann-Gibson H, Cook NR, Brigham and Women's Hospital, Harvard Medical School, Boston, MA; Krauss RM, Children's Hospital Oakland Research Institute, Oakland, CA; Manson JE, Brigham and Women's Hospital, Harvard Medical School, Boston, MA; Mora S, Brigham and Women's Hospital, Harvard Medical School, Boston, MA.

4:00 **Evaluation of Analytic Approaches to Ceiling Effect in Patient-Reported Functional Status After Stroke**
DeBarmore BM, Schilsky SR, Psioda MA, Jones SB, Kucharksa-Newton AM, Rosamond WD, University of North Carolina Chapel Hill, Chapel Hill, NC

4:15 **Proteinuria is Associated with a Greater Risk of Lower Limb Amputation in Patients with Peripheral Artery Disease**
Shin J, Grams M, Coresh J, Johns Hopkins University, Baltimore, MD; Chang A, Kidney Health Research Institute, Geisinger, Danville, PA; Matsushita K, Johns Hopkins University, Baltimore, MD.

4:30 **Short Sleep Duration is Associated with Increased Prevalence of Atrial Fibrillation in a Clinical Cohort**
Genuardi MV, Saand AR, Ogilvie RP, Magnani JW, Patel SR, University of Pittsburgh, Pittsburgh, PA

4:45 **Differences in Cardiovascular Mortality Risk Among African Americans in the Minnesota Heart Survey, 1985-2015, Versus African Americans in the Atherosclerosis Risk in Communities Study (ARIC) Cohort: 1987-2015**
George KM, Folsom AR, Steffen LM, University of Minnesota, Minneapolis, MN; Wagenknecht LE, Wake Forest University, Winston-Salem, NC; Mosley TH, University of Mississippi, Jackson, MS.

5:00 **Adjourn**

Please attend the NHLBI Trainee Moderated Poster session, MP08 in the Exhibit Hall, Napoleon Ballroom, immediately following this session.



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Program

Tuesday, March 20

Poster Session 1

5:00–7:00 PM

Exhibit Hall –
Napoleon Ballroom

Poster Sessions (P001–P125)

See page 41 for a full listing of the poster presentations. (Please note there are some instances when presentations are not in numerical order due to changes requested by the presenters.)

Moderated Posters (MP001–MP024)

See page 33 for a full listing of the moderated poster presentations.

Moderated portion of this session takes place from 5:30–6:30 PM

- Cardiovascular Biomarkers
- Epidemiology of Kidney Disease
- Epidemiology of Venous Thrombosis and Lower Extremity Disease
- Epidemiologic Research Using Electronic Health Records

Wednesday, March 21

7:00 Exhibits and Refreshments
Grand Foyer

Conference Welcome and Opening

8:00–8:20 AM

Grand Ballroom CDE

8:00 Presidents Welcome

John Warner, MD, President of the American Heart Association

8:15 Opening Remarks

Wayne Rosamond, PhD, MS, FAHA, University of North Carolina at Chapel Hill

Plenary Session 1

Health Promotion: Risk Prediction to Risk Prevention

8:00–10:00 AM

Grand Ballroom CDE

Moderators:

Wayne Rosamond, PhD, MS, FAHA, University of North Carolina at Chapel Hill, Chapel Hill, NC
Deborah Rohm Young, PhD, FAHA, Kaiser Permanente Southern California, Pasadena, CA

8:20 Alfredo Morabia, MD, PhD, MPH, MSc,
Columbia University, New York, NY

8:45 Mintu Turakhia, MD, MAS, Stanford University, Stanford, CA

9:10 Angela Odoms-Young, PhD, University of Illinois at Chicago, Chicago, IL

9:35 Q&A

Refreshment Break and Exhibits

10:00–10:30 AM

Grand Foyer

Session 2

Hypertension

10:30 AM–Noon

Grand Ballroom CDE

Moderators:

Wayne Rosamond, PhD, MS, FAHA, University of North Carolina, Chapel Hill, NC
Kristi Reynolds, PhD, Kaiser Permanente Southern California, Pasadena, CA

10:30 Hypertension: Guidelines and Prevention

Paul Whelton, MD, MSc, FAHA, Tulane University, New Orleans, LA

Oral Abstract Presentations – Rapid-Fire Format

11:00 Effects of Intensive Blood Pressure Control in Adults With and Without Albuminuria: Results From the SPRINT Trial 001

Alex Chang, Geisinger Health System, Danville, PA

11:05 Circulating Levels of Natural Killer Cells and Monocyte Subsets Are Associated With Higher Systolic Blood Pressure: The Multi-Ethnic Study of Atherosclerosis 002

Margaret F. Doyle, Univ of Vermont, Colchester, VT; Colleen M. Sitalani, Univ of Washington, Seattle, WA; Nels C. Olson, Sally A. Huber, Univ of Vermont, Colchester, VT; Alan L. Landay, Rush Univ, Chicago, IL; Russell P. Tracy, Univ of Vermont, Colchester, VT; Bruce M. Psaty, Joseph A. Delaney, Univ of Washington, Seattle, WA

11:10 Growth Trajectories of Body Mass Index During Childhood and Adult Hypertension 003

Shengxu Li, Tulane Univ, New Orleans, LA; Tao Zhang, Shandong Univ, Jinan, China; Paul K. Whelton, Marie Krousel-Wood, Lydia Bazzano, Jiang He, Tulane Univ, New Orleans, LA

Program (continued)

WEDNESDAY

- 11:15 **The Cost-Effectiveness of Blood Pressure Control in Young Adulthood to Prevent Later Life Coronary Heart Disease: A Computer Simulation Study** **Sonia Singh**, Ciaran Kohli-Lynch, YiYi Zhang, Anusorn Thanataveerat, Columbia Univ, New York, NY; Eric Vittinghoff, Univ of California, San Francisco, San Francisco, CA; Mark J. Pletcher, Univeristy of California, San Francisco, San Francisco, CA; Kirsten Bibbins-Domingo, Univ of California, San Francisco, San Francisco, CA; Andrew E. Moran, Columbia Univ, New York, NY **004** London, United Kingdom; Hisatomi Arima, Fukuoka Univ, Fukuoka, Japan; Alan R. Dyer, Northwestern Univ, Chicago, IL; Paul Elliott, Imperial Coll London, London, United Kingdom; Jeremiah Stamler, Northwestern Univ, Chicago, IL
- 11:20 **Cumulative Stress Exposure is Associated With Incident Hypertension in African Americans: Findings From the Jackson Heart Study** **Tanya M. Spruill**, Mark J. Butler, NYU Sch of Med, New York, NY; S Justin Thomas, Univ of Alabama at Birmingham, Birmingham, AL; Gabriel S. Tajeu, Temple Univ, Philadelphia, PA; Sheila F. Castaneda, San Diego State Univ, San Diego, CA; Aisha T. Langford, NYU Sch of Med, New York, NY; Marwah Abdalla, Columbia Univ Medical Ctr, New York, NY; Chad Blackshear, Univ of Mississippi Medical Ctr, Jackson, MS; Gbenga Ogedegbe, NYU Sch of Med, New York, NY; Mario Sims, Univ of Mississippi Medical Ctr, Jackson, MS; Daichi Shimbo, Columbia Univ Medical Ctr, New York, NY **005**
- 11:25 **Role of Providers in Implementation of Blood Pressure Control Strategies in Patients with Hypertension** **Katherine T. Mills**, Katherine M. Obst, Wei Shen, Sandra Molina, Hui-Jie Zhang, Hua He, Jiang He, Tulane Univ, New Orleans, LA **006**
- 11:30 **Comparative Effectiveness of Blood Pressure Lowering Drugs in Reducing Cardiovascular Events: Results From a Network Meta-Analysis** **Jingkai Wei**, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Karla I. Galaviz, Alysse Kowalski, Emory Univ, Atlanta, GA; Matthew J. Magee, Georgia State Univ, Atlanta, GA; J. Sonya Haw, K. M. Venkat Narayan, Mohammed K. Ali, Emory Univ, Atlanta, GA **007**
- 11:35 **Casual and 24-hour Urinary Sodium-to-potassium Ratio and Intakes of Sodium and Potassium Among Men and Women From Multi-ethnic General Populations: The Intersalt Study** **Toshiyuki Iwahori**, OMRON / Shiga Univ Medical Science, Muko Kyoto, Japan; Katsuyuki Miura, Hirotsugu Ueshima, Shiga Univ Medical Science, Otsu Shiga, Japan; Queenie Chan, Imperial Coll London, **008** London, United Kingdom; Hisatomi Arima, Fukuoka Univ, Fukuoka, Japan; Alan R. Dyer, Northwestern Univ, Chicago, IL; Paul Elliott, Imperial Coll London, London, United Kingdom; Jeremiah Stamler, Northwestern Univ, Chicago, IL
- 11:40 **Incidence of Hypertension Among Diverse US Hispanics/Latinos: Findings from the Hispanic Community Health Study/Study of Latinos** **Tali Elfassy**, Univ of Miami, Miami, FL; Jianwen Cai, Pedro Baldoni, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Maria M. Llabre, Adina Zeki Al Hazzouri, Leopoldo Raij, Univ of Miami, Miami, FL; Martha Daviglus, Northwestern, Evanston, IL; James P. Lash, Univ of Illinois at Chicago, Chicago, IL; Gregory A. Talavera, Sheila Castaneda, Melawhy Garcia, San Diego State Univ, San Diego, CA; Sylvia Smoller, Albert Einstein Coll of Med, Bronx, NY; Neil Schneiderman, Univ of Miami, Miami, FL **009**
- 11:45 **Prevention of Chronic Kidney Disease: Impact of Addressing the Blood Pressure** **Shakia T. Hardy**, Emory Univ, Atlanta, GA; Christy L Avery, Donglin Zeng, Abhijit V. Kshirsagar, Anthony J. Viera, Gerardo Heiss, Univ of North Carolina at Chapel Hill, Chapel Hill, NC **010**
- Lifestyle and Cardiometabolic Health Annual Business Meeting & Networking Luncheon**
Noon–1:30 PM
(Ticketed Event)
Grand Ballroom A
- OR Lunch on Your Own**
- Oral Session 3**
Risk Prediction
1:30–3:00 PM
Grand Ballroom CDE
- Moderators:**
Josef Coresh, MD, PhD, MPH,
John Hopkins University, Baltimore, MD
Paul Muntner, MD, University of Alabama -
Birmingham, Birmingham, AL
- 1:30 **Retinal Signs Are Associated With Increased 20-Year Dementia Risk in the Atherosclerosis Risk in Communities Study** **Jennifer A. Deal**, A. Richey Sharrett, Marilyn Albert, Karen Bandeen-Roche, Johns Hopkins Univ, Baltimore, MD; Sheila Burgard, Univ of North Carolina, Chapel Hill, NC; Sonia Davis, Univesity of North Carolina, Chapel Hill, NC; **011**

Program (continued)

- Rebecca F. Gottesman, Johns Hopkins Univ, Baltimore, MD; David Knopman, Mayo Clinic, Rochester, MN; Thomas Mosley, Univ of Mississippi, Jackson, MS; Barbara Klein, Robert Klein, Univ of Wisconsin, Madison, WI
- 1:45 **Capture-Recapture Using Multiple Data Sources: Estimating the Prevalence of Congenita** 012
Lindsey M. Duca, Colorado Sch of Public Health, Univ of Colorado at Anschutz Medical Campus, Aurora, CO; Amber D. Khanna, Div of Cardiology, Dept of Med, Univ of Colorado, Aurora, CO; Christopher M. Rausch, Div of Cardiology, Dept of Pediatrics, Univ of Colorado, Aurora, CO; David Kao, Div of Cardiology, Dept of Med, Univ of Colorado, Aurora, CO; Tessa Crume, Colorado Sch of Public Health, Univ of Colorado at Anschutz Medical Campus, Aurora, CO
- 2:00 **A Model for Stroke Prediction Using Claims Data in a Contemporary Cohort of Patients With Atrial Fibrillation Receiving Oral Anticoagulation** 013
J'Neka S. Claxton, Emory Univ, Atlanta, GA; Richard F. MacLehose, Univ of Minnesota, Minneapolis, MI; Pamela L Lutsey, Faye L. Norby, Univ of Minnesota, Minneapolis, MN; Lin Y. Chen, Univ of Minnesota Medical Sch, Minneapolis, MN; Wesley T. O'Neal, Emory Univ, Atlanta, GA; Alanna M. Chamberlain, Mayo Clinic, Rochester, MN; Lindsay G. Bengtson, Optum, Eden Prairie, MN; Alvaro Alonso, Emory Univ, Atlanta, GA
- 2:15 **Comparative Cost-Effectiveness of 10-Year Atherosclerotic Cardiovascular Disease Risk Equations Over 10 Years of Follow-up: The Multi-Ethnic Study of Atherosclerosis** 014
Gabriel S. Tajeu, Temple Univ, Philadelphia, PA; Ciaran Kohli-Lynch, Yiyi Zhang, Columbia Univ, New York, NY; Paul Muntner, Univ of Alabama at Birmingham, Birmingham, AL; Steven Shea, Andrew Moran, Columbia Univ, New York, NY
- 2:30 **Critical Periods in Cardiovascular Health Across the Life Course: A Pooled Cohort Analysis** 015
Norrina B. Allen, Amy Krefman, Darwin Labarthe, Philip Greenland, Northwestern Univ, Chicago, IL; Markus Juonala, Univ of Turku, Turku, Finland; Mika Kähönen, Univ of Tampere, Tampere, Finland; S. Rena Day, Univ of Texas Health Science Ctr, Houston, TX; Terho Lehtimäki, Univ of Tampere, Tampere, Finland; Linda Van Horn, Northwestern Univ, Chicago, IL; Lydia Bazzano, Tulane, New Orleans, LA; Lei Liu, Northwestern Univ, Chicago, IL; Camilo F. Alonso, Larry S. Webber, Tulane, New Orleans, LA; Katja Pahkala, Tomi Laitinen, Olli Raitakari, Univ of Turku, Turku, Finland; Donald Lloyd-Jones, Northwestern Univ, Chicago, IL
- 2:45 **Muscular Strength Predicts All-Cause Mortality Independent of MVPA in Women Ages 63-99 Years** 016
Michael J. LaMonte, Univ at Buffalo - SUNY, Buffalo, NY; David M Buchner, Univ of Illinois, Urbana-Champaign, IL; Cora E. Lewis, Univ of Alabama, Birmingham, AL; Eileen Rillamas-Sun, Fred Hutchinson Cancer Res Ctr, Seattle, WA; John Bellettiere, Univ of California, San Diego, CA; Chongzhi Di, Fred Hutchinson Cancer Res Ctr, Seattle, WA; Marcia L Stefanick, Stanford Univ, Palo Alto, CA; Andrea Z. LaCroix, Univ of California, San Diego, CA
- Refreshment Break and Exhibits**
3:00–3:30 PM
Grand Foyer
- Oral Session 4**
Health Promotion and Disease Prevention
3:30–5:00 PM
Grand Ballroom CDE
- Moderators:**
Deborah Rohm Young, PhD, FAHA, Kaiser Permanente Southern California, Pasadena, CA
Kristie J Lancaster, PhD, RD, New York University, New York, New York
- 3:30 **Friends Make Children Less Sedentary but Neighborhoods Make Them More Active** 017
Tracie Barnett, INRS-Ctr Armand-Frappier/CR du CHU Saiinte-Justine, Laval/Montreal, QC, Canada; Melanie Henderson, Univ de Montréal, Montreal, QC, Canada; Quality Research Team
- 3:45 **Association of the Change in Physical Activity and Cardiovascular Disease Outcomes in the Look AHEAD Trial** 018
John M. Jakicic, Univ of Pittsburgh, Pittsburgh, PA; Janet E. Fulton, Ctrs for Disease Control and Prevention, Atlanta, GA; Wei Lang, Wake Forest Univ, Winston-Salem, NC; Michael P. Walkup, Wake Forest Univ, Atlanta, GA
- 4:00 **Cost-effectiveness of the FDA Sodium Reduction Targets for the Processed Food Industry: Are There Internal Incentives to Reformulate?** 019
Brendan Collins, Chris Kypridemos, Univ of Liverpool, Liverpool, United Kingdom; Jonathan Pearson-Stuttard,

- Imperial Coll London, London, United Kingdom; Yue Huang, Friedman Sch of Nutrition Science and Policy, Tufts Univ, Boston, MA; Piotr Bandosz, Univ of Liverpool, Liverpool, United Kingdom; Parke Wilde, 1 Friedman Sch of Nutrition Science and Policy, Tufts Univ, Boston, MA; Rogan Kersh, Wake Forest Univ, Winston-Salem, NC; Simon Capewell, Univ of Liverpool, Liverpool, United Kingdom; Dariush Mozaffarian, Friedman Sch of Nutrition Science and Policy, Tufts Univ, Boston, MA; Laurie Whitsel, American Heart Association, Washington DC, DC; Renata Micha, Friedman Sch of Nutrition Science and Policy, Tufts Univ, Boston, MA; Martin O'Flaherty, Univ of Liverpool, Liverpool, United Kingdom
- 4:15 **Heartbreaking Careers in Old Age: Retirement Sequences as a Non-Traditional Risk Factor for Cardiovascular Diseases** 020
Felipe Diaz-Toro, Univ Andres Bello, Santiago, Chile; Ignacio Madero-Cabib, Dept of Sociology, Faculty of Social Sciences, Univ de Chile, Santiago, Chile, Santiago, Chile; Esteban Calvo, Ursula Staudinger, Robert N. Butler Columbia Aging Ctr and Dept of Sociomedical Sciences, Columbia Univ, New York, NY
- 4:30 **Higher Levels of Ideal Cardiovascular Health Are Associated With Lower Risk of Incident Type 2 Diabetes Mellitus Among Individuals With Normal Fasting Glucose but Not Impaired Fasting Glucose: The Reasons for Geographic and Racial Differences in Stroke Study** 021
Joshua J. Joseph, Div of Endocrinology, Diabetes and Metabolism, The Ohio State Univ Wexner Medical Ctr, Columbus, OH; Aleena Bennett, Dept of Biostatistics, Univ of Alabama at Birmingham Sch of Public Health, Birmingham, AL; Justin B. Echouffo Tcheugui, Div of Endocrinology, Diabetes and Hypertension, Brigham and Women's Hosp, Harvard Medical Sch, Boston, MA; Valery S. Effeo, Dept of Med, Morehouse Sch of Med, Atlanta, GA; James Odei, Div of Biostatistics, The Ohio State Univ Coll of Public Health, Columbus, OH; Bertha Hidalgo, Dept of Epidemiology, Univ of Alabama at Birmingham Sch of Public Health, Birmingham, AL; Akilah Dulin, Dept of Behavioral and Social Sciences, Brown Univ Sch of Public Health, Providence, RI; Monika M. Safford, Div of General Internal Med, NewYork-Presbyterian/Weill Cornell Medical Ctr, New York, NY; Doyle M. Cummings, Dept of Public Health and Family Med, East Carolina Univ Brody Sch of Med, Greenville, NC; Mary Cushman,

Dept of Med, Univ of Vermont Coll of Med, Burlington, VT; April P. Carson, Dept of Epidemiology, Univ of Alabama at Birmingham Sch of Public Health, Birmingham, AL

- 4:45 **Cost-Effectiveness of Financial Incentives and Disincentives for Improving Diet and Health Through the Supplemental Nutrition Assistance Program** 022
Junxiu Liu, Dariush Mozaffarian, Tufts Friedman Sch of Nutrition Science and Policy, Boston, MA; Stephen Sy, Harvard T. H. Chan Sch of Public Health, Boston, MA; Yue Huang, Yujin Lee, Parke Wilde, Tufts Friedman Sch of Nutrition Science and Policy, Boston, MA; Shafika Abrahams-Gessel, Thiago de Souza Veiga Jardim, Tom Gaziano, Harvard T.H. Chan Sch of Public Health, Boston, MA; Renata Micha, Tufts Friedman Sch of Nutrition Science and Policy, Boston, MA

Poster Session 2

5:00–7:00 PM

Exhibit Hall – Napoleon Ballroom

Poster Sessions

(P126–P248)

See page 53 for a full listing of the poster presentations. (Please note there are some instances when presentations are not in numerical order due to changes requested by the presenter.)

Moderated Posters

(MP025–MP054)

See page 35 for a full listing of the moderated poster presentations.

Moderated portion of this session takes place from 5:30–6:30 PM.

- Epidemiology of Overweight and Obesity
- Health Effects of Physical Activity and Sedentary Behavior
- Nutritional Epidemiology
- NHLBI
- Diabetes Epidemiology

Hearts Diversity Reception

7:00–8:00 PM

Grand Chenier

Hosted by the Council on Epidemiology and Prevention Minority Committee

Program (continued)

Thursday, March 22

7:00 **Refreshment Break**
Grand Foyer

Plenary Session 5

8:30–10:00 AM
Grand Ballroom CDE

Moderators:

Eliseo Guallar, MD, MPH,
Johns Hopkins University, Baltimore, MD
Stephen P. Juraschek, MD, PhD,
Beth Israel Deaconess Medical Center,
Harvard Medical School

8:30 **The David Kritchevsky Memorial Lecture**
Large-scale Regulatory and Fiscal Efforts to
Address the Rapid Growth in Cardiometabolic
Problems
Barry Popkin, PhD, University of North Carolina,
Chapel Hill, North Carolina

Oral Abstract Presentations – Cardiovascular Biomarkers

9:00 **Left Ventricular Hypertrophy and** **023**
Elevated Biomarkers of Chronic
Myocardial Injury May Identify African
Americans With a Very High Risk for
Heart Failure Development: Findings
From The Jackson Heart Study
Ambarish Pandey, Neil Keshvani, Colby
Ayers, UTSW Medical Center, Dallas, TX;
Adolfo Correa, Univ of Mississippi Medical
Ctr, Jackson, MS; Mark Drazner, UTSW
Medical Center, Dallas, TX; Carlos Rodriguez,
Wake Forest Sch of Med, Dallas, TX; Michael
Hall, Univ of Mississippi Medical Ctr, Jackson,
MS; Robert Mentz, Duke Clinical Res Inst,
Durham, NC; James de Lemos, Jarett Berry,
UTSW Medical Center, Dallas, TX

9:15 **Plasma Free Fatty Acids and Risk** **024**
of Dementia: The Cardiovascular
Health Study
Majken K. Jensen, Harvard T. H. Chan
Sch of Public Health, Boston, MA; Petra
Buzkova, Annette L. Fitzpatrick, W. T.
Longstreth Jr, Univ of Washington, Seattle,
WA; Lewis H. Kuller, Oscar L. Lopez, Univ
of Pittsburgh, Pittsburgh, PA; David S.
Siscovick, New York Acad of Med, New
York City, NY; Jorge R. Kizer, Albert Einstein
Coll of Med, Bronx, NY; Joachim H. Ix, Univ
of California, San Diego, La Jolla, CA; Luc
Djoussé, Brigham and Women's Hosp,
Boston, MA; Kenneth J. Mukamal, Beth
Israel Deaconess Medical Ctr, Boston, MA

9:30 **Cross-sectional Relations of Serum** **025**
Cortisol and Cognitive and Structural
Brain Measures in Young Adults:
The Framingham Heart Study

Justin B. Echouffo Tcheugui, Brigham
and Womens Hosp, Boston, MA; Sarah
Conner, Jayandra J. Himali, Boston Univ,
Boston, MA; Pauline Maillard Maillard,
Charles S. DeCarli, UC Davis, Davis, CA;
Alexa S Beiser, Ramachandran S. Vasan,
Sudha Seshadri, Boston Univ, Boston, MA

9:45 **Eicosapentaenoic Acid is a Strong** **026**
of Risk for Heart Failure in the
Multi-ethnic Study of Atherosclerosis
Robert C. Block, Linxi Liu, Univ of Rochester
Sch of Med and Dentistry, Rochester, NY;
Michael Y. Tsai, Timothy D O'Connell,
The Univ of Minnesota, Minneapolis, MN;
Gregory C. Shearer, The Pennsylvania
State Univ, University Park, PA

Refreshment Break and Exhibits

10:00–10:30 AM
Grand Foyer

Connection Corner
10:00–10:30 AM
Grand Couteau

Session 6

Concurrent A: Hot Off the Press
10:30 AM–Noon
Grand Ballroom CDE

Moderators:

Elizabeth Selvin, PhD, MPH,
John Hopkins University, Baltimore, MD
Alvaro Alonso, MD, PhD,
Emory University, Atlanta, GA

This session is a forum for in-depth discussion of important publications that were released less than six months before the conference. Please visit the registration desk for details on the presentation.

Program (continued)

Session 6

Concurrent B: Lifecourse Epidemiology

10:30 AM–Noon

Grand Ballroom AB

Moderators:

Norrina B. Allen, PhD, MPH,
Northwestern University
Feinberg School of Medicine, Chicago, IL
Lydia A. Bazzano, MD, PhD,
Tulane University, New Orleans, LA

- 10:30 **Life-course Cardiovascular Risk Mobility in the International Childhood Cardiovascular** **027**
Benjamin D. Pollock, Baylor Scott and White Health, Dallas, TX; Tian Hu, Univ of Minnesota, Minneapolis, MN; Olli T. Raitakari, Univ of Turku, Turku, Finland; Trudy L. Burns, Univ of Iowa, Iowa City, IA; Alan R. Sinaiko, Univ of Minnesota, Minneapolis, MN; Costan G. Magnusson, Univ of Tasmania, Hobart, Australia; Elaine M. Urbina, Jessica G. Woo, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Julia Steinberger, Univ of Minnesota, Minneapolis, MN; Markus Juonala, Univ of Turku, Turku, Finland; Alison Venn, Univ of Tasmania, Hobart, Australia; Stephen R. Daniels, Univ of Colorado Sch of Med, Aurora, CO; Terry Dwyer, Georgia Inst for Global Health, Newtown, Australia; David R. Jacobs Jr, Univ of Minnesota, Minneapolis, MN; Lydia A. Bazzano, Tulane Univ Sch of Public Health and Tropical Med, New Orleans, LA
- 10:45 **Infant Growth Trajectories and Lipid Levels in Adolescence: Evidence From a Chilean Infancy Cohort** **028**
Ann Von Holle, Kari E. North, UNC, Chapel Hill, NC; Sheila Gahagan, Estela Blanco, UCSD, San Diego, CA; Misa Graff, Anne Justice, UNC, Chapel Hill, NC; Betsy Lozoff, Univ of Michigan, Ann Arbor, MI; Raquel Burrows, Univ of Chile, Santiago, Chile; Annie Green Howard, Saroja Voruganti, UNC, Chapel Hill, NC
- 11:00 **Age-Related Blood Pressure Changes at the Incipient Stages of Westernization in Yanomami and Yekwana Tribes** **029**
Noel T. Mueller, Johns Hopkins Univ, Baltimore, MD; Oscar Noya-Alarcon, Amazonian Ctr for Res and Control of Tropical Diseases, Puerto Ayacucho, Venezuela, Bolivarian Republic of; Monica Contreras, Venezuelan Inst for Scientific Res, Caracas, Venezuela,

Bolivarian Republic of; Lawrence J. Appel, Johns Hopkins Univ, Baltimore, MD; Maria Gloria Dominguez-Bello, New York Univ, New York, NY

- 11:15 **Natural History of Obesity Subphenotypes: Dynamic Changes Over Two Decades and Prognosis in the Framingham Heart Study** **030**
Justin B Echouffo Tcheugui, Brigham and Womens Hosp, Boston, MA; Meghan I. Short, Todd R. Sponholtz, Patrick Field, Vanessa Xanthakis, Martin G. Larson, Ramachandran S. Vasani, Boston Univ, Boston, MA
- 11:30 **Socioeconomic Trajectories Across the Life Course and Risk of All-cause and Cardiovascular Mortality: Prospective Findings From the Moli-sani Study** **031**
Marialaura Bonaccio, Augusto Di Castelnuovo, Simona Costanzo, Mariarosaria Persichillo, Chiara Cerletti, Maria Benedetta Donati, Giovanni de Gaetano, Licia Iacoviello, IRCCS Neuromed, Pozzilli, Italy; Moli-sani Study Investigators
- 11:45 **Life-Course Socioeconomic Position Relates to Higher Arterial Stiffness in Adults From the ELSA-Brasil Cohort Study** **032**
Debora M. Coelho, Lidiane V. Camelo, **Luisa C Brant**, Luana G. Giatti, Antonio L. Ribeiro, Federal Univ of Minas Gerais, Belo Horizonte, Brazil; Joanna M. Guimaraes, Dora Chor, Fundação Oswaldo Cruz, Rio de Janeiro, Brazil; Sandhi M Barreto, Federal Univ of Minas Gerais, Belo Horizonte, Brazil

Council on Epidemiology and Prevention Annual Business Meeting and Networking Luncheon

Noon–1:30 PM

(Ticketed Event)

Borgne

OR Lunch on Your Own

THURSDAY

Session 7

Stamler Award Finalists

1:30–3:00 PM

Grand Ballroom CDE

Moderators:

Martha Daviglus, MD, PhD,
Northwestern University
Feinberg School of Medicine, Chicago, IL
Wayne Rosamond, PhD, MS, FAHA,
University of North Carolina at Chapel Hill,
Chapel Hill, NC

- 11:30 **Associations of Smoke-Free Policies With Blood Pressure Changes in the Coronary Artery Risk Development in Young Adults Study** **033**
Stephanie Mayne, Northwestern Univ, Chicago, IL; Pamela Schreiner, Rachel Widome, David Jacobs, Univ of Minnesota, Minneapolis, MN; Penny Gordon-Larsen, Univ of North Carolina, Chapel Hill, NC; Kiarri Kershaw, Northwestern Univ, Chicago, IL
- 1:45 **Tracking Lifestyle Behaviors, Healthcare Access, and Healthcare Quality for Cardiometabolic Diseases at the State-Level From 1990-2016** **034**
Marissa B. Reitsma, Ryan M. Barber, Gregory A. Roth, Ashkan Afshin, Inst for Health Metrics and Evaluation, Seattle, WA
- 2:00 **Prevalence and Predictors of Cholesterol Screening, Awareness, and Statin Treatment Among Individuals With Familial Hypercholesterolemia in the U.S. (1999-2014)** **035**
Emily M. Bucholz, Boston Childrens Hosp, Boston, MA; Angie M. Rodday, Tufts Medical Ctr, Boston, MA; Katherine Kolor, Muin Khoury, Office of Public Health Genomics, Ctrs for Disease Control and Prevention, Atlanta, GA; Sarah D. deFerranti, Boston Childrens Hosp, Boston, MA
- 2:15 **Derivation and Validation of a Novel Risk Equation for 10-year Risk of Incident Heart Failure in the General US Population** **036**
Sadiya S. Khan, Northwestern Univ, Oak Park, IL; Hongyan Ning, Sanjiv J. Shah, Clyde W. Yancy, John T. Wilkins, Donald M. Lloyd-Jones, Northwestern Univ, Chicago, IL

- 2:45 **Cost-effectiveness of Financial Incentives for Improving Diet Through Medicare and Medicaid** **037**
Yujin Lee, Dariush Mozaffarian, Yue Huang, Junxiu Liu, Tufts Univ, Boston, MA; Stephen Sy, Brigham and Women's Hosp, Boston, MA; Parke E. Wilde, Tufts Univ, Boston, MA; Shafika Abrahams-Gessel, Brigham and Women's Hosp, Boston, MA; Thiago V. Jardim, Brigham and Women's Hosp, Boston, MA; Thomas A. Gaziano, Brigham and Women's Hosp, Boston, MA; Renata Micha, Tufts Univ, Boston, MA

Plenary Session 8

3:30–5:00 PM

Grand Ballroom CDE

- 3:30 **Aruni Bhatnagar, PhD, FAHA, University of Louisville School of Medicine, Louisville, Kentucky**
- 4:00 **Q&A**
- 4:15 **The PCORI Patient-Powered Research Summit: Report Out and Panel Discussion**
 Veronique L. Roger, MD, Mayo Clinic, Rochester, MN
 Mark J. Pletcher, MD, MPH, University of California, San Francisco, San Francisco, CA
 Geoffrey H. Tison, MPH, University of California, San Francisco, San Francisco, CA
 Anitha John, MD, PhD, Children's National Health System, Washington, DC
 Ken Gregoire, REACHnet CDRN ADAPTORS (Patient Partners)

Poster Session 3

5:00–7:00 PM

Exhibit Hall – Napoleon Ballroom

Poster Sessions

(P249 – P382)

See page 65 for a full listing of the poster presentations. (Please note there are some instances when presentations are not in numerical order due to changes requested by the presenter.)

Moderated Posters

(MP55 – MP78)

See page 38 for a full listing of the moderated poster presentations.

Moderated portion of this session takes place from 5:30–6:30 PM.

- Social Determinants of Health
- Epidemiologic Studies of Genetics, Metabolic, and Proteomics
- Cardiovascular Risk Factors in Pregnancy and Early Life
- Health Services Research

Program (continued)

Joint Council Annual Reception and Dinner

7:00–11:00 PM

Ticketed Event

Armstrong Ballroom

OR Dinner on Your Own

Friday, March 23

7:00 Exhibits and Refreshments

Grand Foyer

Early Career Presentation

Lost or Found? Identifying Your Niche in Academic Research

7:30–8:30 AM

Borgne

Plenary Session 9

8:30–10:00 AM

Grand Ballroom CDE

Moderators:

Mercedes R. Carnethon, PhD,

Northwestern University, Chicago, IL

James B. Meigs, MD,

Massachusetts General Hospital, Boston, MA

8:30 The Richard D. Remington Methodology Lecture

Evaluating Environmental Exposures in Cardiovascular Epidemiology: Lessons from Studies of Ambient Air Pollution Health Effects

Joel Kaufman, MD, MPH, University of Washington School of Public Health, Seattle WA

Oral Abstract Presentations – Diabetes and Obesity

9:00 30-year Risk of Cardiovascular Disease in Adolescents With Severe Obesity: Benefit of Bariatric Surgery (Teen-LABS) 038

Justin R. Ryder, Univ of Minnesota, Minneapolis, MN; Peixin Xu, Changchun Xie, Univ of Cincinnati, Cincinnati, OH; Todd M. Jenkins, Cincinnati Children's Hosp, Cincinnati, OH; Thomas H Inge, Children's Hosp Colorado, Denver, CO; Aaron S. Kelly, Univ of Minnesota, Minneapolis, MN; Elaine M. Urbina, Cincinnati Children's Hosp, Cincinnati, OH

9:15 Adherence to a Healthy Lifestyle in Relation to Cardiovascular Disease Incidence and Mortality Among Adults With Type 2 Diabetes 039

Gang Liu, Yanping Li, Yang Hu, Geng Zong, Shanshan Li, Eric B. Rimm, Frank B. Hu, JoAnn E. Manson, Kathryn M. Rexrode, Hyun Joon Shin, Qi Sun, Harvard T. H. Chan Sch of Public Health, Boston, MA

9:30 The Effects of Coffee Consumption on Insulin Sensitivity and Other Risk Factors for Type 2 Diabetes 040

Derrick Johnston Alperet, NUS Graduate Sch for Integrative Sciences and Engineering, Natl Univ of Singapore, Singapore, Singapore; Salome Antonette Rebello, Saw Swee Hock Sch of Public Health, Natl Univ of Singapore, Singapore, Singapore; Eric Yin-Hao Khoo, Dept of Med, Yong Loo Lin Sch of Med, Natl Univ of Singapore, Singapore, Singapore; Zoey Tay, Sharna Si-Ying Seah, Bee-Choo Tai, E-Shyong Tai, Saw Swee Hock Sch of Public Health, Natl Univ of Singapore, Singapore, Singapore; Shahram Emady-Azar, Nestlé Clinical Development Unit - Lausanne, Switzerland, Singapore, Singapore; Chieh Jason Chou, Microbiome and Metabolism, Nestlé Inst of Health Sciences - Lausanne, Switzerland, Singapore, Singapore; Christian Darimont, Nutrition & Health Res, Nestlé Res Ctr - Lausanne, Switzerland, Singapore, Singapore; Rob M. van Dam, NUS Graduate Sch for Integrative Sciences and Engineering, Natl Univ of Singapore, Singapore, Singapore

9:45 Smoking Cessation and Subsequent Risk of Type 2 Diabetes in Three Large Prospective Cohort Studies of Americans 041

Yang Hu, Geng Zong, Gang Liu, Molin Wang, Harvard T. H. Chan Sch of Public Health, Boston, MA; An Pan, Tongji Medical Coll, Huazhong Univ of Science and Technology, Wuhan, China; Walter C. Willett, JoAnn E. Manson, Frank B. Hu, Qi Sun, Harvard T. H. Chan Sch of Public Health, Boston, MA

Refreshment Break and Exhibits

10:00–10:30 AM

Grand Foyer

Connection Corner

10:00–10:30 AM

Grand Coteau

Session 10

Concurrent A: Physical Activity

10:30 AM–Noon

Grand Ballroom CDE

Moderators:

Bethany Barone Gibbs, PhD,

University of Pittsburgh, Pittsburgh, PA

Cheryl A. M. Anderson, PhD, MPH, MS, FAHA,

Duke University Medical Center, Durham NC

10:30 Accelerometer-measured Light Physical Activity is Heart Healthy in Older Women: The OPACH Study 042

Andrea Z. LaCroix, John Bellettiere, Univ of California San Diego, La Jolla,

Program (continued)

- CA; Eileen Rillamas-Sun, Fred Hutchinson Cancer Res Ctr, Seattle, WA; Kelly R. Evenson, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Chongzhi Di, Fred Hutchinson Cancer Res Ctr, Seattle, WA; David M. Buchner, Univ of Illinois at Urbana-Champaign, Champaign, IL; Marcia L. Stefanick, Stanford Univ, Palo Alto, CA; I-Min Lee, Harvard Medical Sch, Boston, MA; Cora E. Lewis, Univ of Alabama-Birmingham, Birmingham, AL; Michael J. LaMonte, Univ of Buffalo-SUNY, Buffalo, NY
- 10:45 **Leisure-Time Physical Activity in Adulthood and Region of Interest (ROI) Brain Volumes: The Atherosclerosis Risk in Communities Neurocognitive Study (ARIC-NCS)** 043
Priya Palta, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; A. Richey Sharrett, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Kelly R. Evenson, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Clifford R. Jack, Mayo Clinic, Rochester, MN; Pamela L. Lutsey, Univ of Minnesota, Minneapolis, MN; Lynne E. Wagenknecht, Wake Forest Univ, Winston-Salem, NC; Thomas H. Mosley, Univ of Mississippi Medical Ctr, Jackson, MS; Gerardo Heiss, Univ of North Carolina at Chapel Hill, Chapel Hill, NC
- 11:00 **Cardiorespiratory Fitness May Explain a Proportion of Observed Racial Disparity in Incident Chronic Kidney Disease over 30 Years: Results From the CARDIA Study** 044
Amanda E. Paluch, Lindsay Pool, Tamara Isakova, Northwestern Univ, Evanston, IL; Myles Wolf, Duke Univ, Durham, NC; Rupal Mehta, Northwestern Univ, Evanston, IL; Carmen Peralta, Univ of California San Francisco, San Francisco, CA; Cora E. Lewis, Univ of Alabama at Birmingham, Birmingham, AL; Pamela Schreiner, Univ of Minnesota, Minneapolis, MN; Stephen Sidney, Kaiser Permanente, Oakland, CA; Mercedes Carnethon, Northwestern Univ, Evanston, IL
- 11:15 **Leisure Time Physical Activity is Associated With Higher Coronary Artery Calcium Density: The Multi-Ethnic Study of Atherosclerosis** 045
Isac C. Thomas, Matthew Allison, Nketi Forbang, Michelle Takemoto, Univ of California San Diego, La Jolla, CA; Erin Michos, Johns Hopkins Sch of Med, Baltimore, MD; Robyn McClelland, Univ of Washington, Seattle, WA; Matthew Budoff, Harbor-Univ of California, Los Angeles, Torrance, CA; Michael Criqui, Univ of California San Diego, La Jolla, CA
- 11:30 **Cardiorespiratory Fitness, Physical Activity, and Television Viewing Before Pregnancy and Risk of Gestational Diabetes: A Longitudinal Analysis From the CARDIA Study** 046
Kara M Whitaker, Univ of Minnesota, Minneapolis, MN; Katherine H. Ingram, Kennesaw State Univ, Kennesaw, GA; Duke Appiah, Texas Tech Univ Health Sciences Ctr, Abilene, TX; Wanda K. Nicholson, Univ of North Carolina, Chapel Hill, NC; Wendy L. Bennett, John Hopkins Univ Sch of Med, Baltimore, MD; Cora E. Lewis, Univ of Alabama at Birmingham, Birmingham, AL; Jared P. Reis, Natl Heart, Lung, and Blood Inst, Bethesda, MD; Pamela J. Schreiner, Univ of Minnesota, Minneapolis, MN; Erica P. Gunderson, Kaiser Permanente Northern California, Oakland, CA
- 11:45 **Sedentary Behavior Increases Risk for Cardiovascular Disease in Older Women: The Objective Physical Activity and Cardiovascular Health (OPACH) Study** 047
John Bellettiere, Univ of California, San Diego, La Jolla, CA; Michael J. LaMonte, Univ at Buffalo - SUNY, Buffalo, NY; Eileen Rillamas-Sun, Fred Hutchinson Cancer Res Ctr, Seattle, WA; Jacqueline Kerr, Univ of California, San Diego, La Jolla, CA; Kelly R. Evenson, Univ of North Carolina Chapel Hill, Chapel Hill, NC; I-Min Lee, Harvard Univ, Cambridge, MA; Chongzhi Di, Fred Hutchinson Cancer Res Ctr, Seattle, WA; David Buchner, Univ of Illinois at Urbana-Champaign, Champaign, IL; Melbourne F. Hovell, San Diego State University, San Diego, CA; Andrea Z. LaCroix, Univ of California, San Diego, La Jolla, CA

Session 10
Concurrent B: OMICS
10:30 AM–Noon
Grand Ballroom CDE

Moderators:
 Stephen Rich, PhD,
 University of Virginia, Charlottesville, VA
 Marie-France Hivert, MD,
 Harvard Pilgrim Health Care Institution,
 Boston, MA

- 10:30 **Circulating Branched-Chain Amino Acids and Incident Cardiovascular Disease in a Prospective Cohort of US Women** 048
Deirdre K. Tobias, Brigham and Women's Hosp, Harvard Medical Sch, Boston, MA; Patrick R. Lawler, Peter Munk Cardiac Ctr, Univ Health Network, and Heart and Stroke Richard Lewar Ctr of Excellence in

FRIDAY

Program (continued)

- Cardiovascular Res, Univ of Toronto, Toronto, ON, Canada; Paulo H. Harada, Olga V. Demler, Paul M. Ridker, JoAnn E. Manson, Susan Cheng, Samia Mora, Brigham and Women's Hosp, Harvard Medical Sch, Boston, MA
- 10:45 **Mitochondrial DNA Copy Number and Incident Atrial Fibrillation: The Atherosclerosis Risk in Communities Study (ARIC)** **049**
Di Zhao, Eliseo Guallar, Ryan Longchamps, Christina Castellani, Yunsoo Hong, Johns Hopkins Univ, Baltimore, MD; Alvaro Alonso, Nathan Pankratz, Emory Univ, Atlanta, GA; John Lane, Univ of Minnesota, Minneapolis, MN; Dan Arking, Johns Hopkins Univ, Baltimore, MD
- 11:00 **Phenome Wide Association Study of IL6R Variants Identifies a Drug Target for Cardiovascular Disease and Inflammation** **050**
Tianxi Cai, VA Boston Healthcare System, Boston, MA; Yichi Zhang, Harvard T. H. Chan Sch of Public Health, Boston, MA; Yuk-Lam Ho, Nicholas Link, VA Boston Healthcare System, Boston, MA; Jie Huang, Brigham and Women's Hosp, Boston, MA; Yuri Ahuja, Tianrun A. Cai, Harvard Medical Sch, Boston, MA; Jacqueline Honerlaw, Jie Huang, Lauren Costa, VA Boston Healthcare System, Boston, MA; Jiehuan Sun, Harvard T.H. Chan Sch of Public Health, Boston, MA; Chuan Hong, Harvard T. H. Chan Sch of Public Health, Boston, MA; Scott Damrauer, Corporal Michael Crescenzo VA Medical Ctr, Perlman Sch of Med, Philadelphia, PA; Yan V. Sun, Emory Univ Rollins Sch of Public Health, Atlanta, GA; David Gagnon, Michael Gaziano, VA Boston Healthcare System, Boston, MA; Peter Wilson, Atlanta VA Medical Ctr, Atlanta, GA; Kelly Cho, VA Boston Healthcare System, Boston, MA; Phillip Tsao, VA Palo Alto Health Care System, Palo Alto, CA; Christopher J. O'Donnell, **Katherine P. Liao**, VA Boston Healthcare System, Boston, MA; on behalf of the VA Million Veteran Program
- 11:15 **Genome-wide Association Study Identifies 12 Loci for Habitual Consumption of Bitter and Sweet Beverages** **051**
Victor W. Zhong, Northwestern Univ, Chicago, IL; Sandra Sanchez-Roige, Univ of California San Diego, La Jolla, CA; Peter Kraft, Harvard Univ, Boston, MA; Rob M. Van Dam, Natl Univ of Singapore, Singapore, Singapore; Daniel I. Chasman, Harvard Univ, Boston, MA; Marilyn C. Cornelis, Northwestern Univ, Chicago, IL
- 11:30 **Analysis of Platelet Related Traits in the Trans-Omics for Precision Medicine (TOPMed) Whole Genome Sequencing Project** **052**
Laura M. Raffield, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Amarise Little, Deepti Jain, Cecelia Laurie, Univ of Washington, Seattle, WA; Ming-Huei Chen, Natl Heart, Lung, and Blood Inst, Div of Intramural Res, Population Sciences Branch, Bethesda, MD; Jeffrey R. O'Connell, Joshua P. Lewis, Braxton D. Mitchell, Univ of Maryland, Baltimore, MD; Adolfo Correa, James G. Wilson, Univ of Mississippi Medical Ctr, Jackson, MS; Cathy Laurie, Alex Reiner, Timothy A. Thornton, Univ of Washington, Seattle, WA; Andrew D. Johnson, Natl Heart, Lung, and Blood Inst, Div of Intramural Res, Population Sciences Branch, Bethesda, MD
- 11:45 **Genome-wide Tcea3-SNP Interaction Study Identifies Novel QT Interval Loci** **053**
Christy L. Avery, Dept of Epidemiology, the Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Dan E. Arking, McKusick-Nathans Inst of Genetic Med, Johns Hopkins Univ Sch of Med, Baltimore, MD; Antoine Baldassari, Dept of Epidemiology, the Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Steve Buyske, Dept of Statistics & Biostatistics and Dept of Genetics, Piscataway, NJ; Maria P. Concas, Inst for Maternal and Child Health - IRCCS "Burlo Garofolo" Univ N Carolina, Trieste, Italy; Charles Kooperberg, Div of Public Health Sciences, Fred Hutchinson Cancer Res Ctr, Seattle, WA; Henry Lin, The Inst for Translational Genomics and Population Sciences, Dept of Pediatrics, and Div of Medical Genetics, Los Angeles Biomedical Res Inst at Harbor-UCLA Medical Ctr, Torrance, CA; Ching-Ti Lin, Dept of Biostatistics, Boston, MA; Martina Müller-Nurasyid, Inst of Genetic Epidemiology, Helmholtz Zentrum München-German Res Ctr for Environmental Health; Dept of Med I, Ludwig-Maximilians-Univ; DZHK (German Ctr for Cardiovascular Res), Munich, Germany; Raymond Noordam, Dept of Internal Med, Section of Gerontology and Geriatrics, Leiden Univ Medical Ctr, Leiden, Netherlands; Kari E. North, Dept of Epidemiology, the Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Katharina Schramm, Inst of Genetic Epidemiology, Helmholtz Zentrum München - German Res Ctr for Environmental Health; Dept of Med I, Ludwig-Maximilians-Univ, Munich, Germany; Elsayed Soliman, Epidemiological Cardiology Res Ctr (EPICARE), Wake Forest Sch of Med, Wake Forest, NC; Nona Sotoodehnia,

Program (continued)

Cardiovascular Health Res Unit, Div of Cardiology, Dept of Med, and Dept of Epidemiology, Seattle, WA; Stella Trompet, Depts of Internal Med, Section of Gerontology and Geriatrics and Cardiology, Leiden Univ Medical Ctr, Leiden, Netherlands; Christopher Newton-Cheh, Framingham Heart Study; Cardiovascular Res Ctr & Ctr for Human Genetic Res, Massachusetts General Hosp; Program in Medical and Population Genetics, Broad Inst, Boston, MA

and Policy, Boston, MA; Ziheng Zheng, Lawrence J. Appel, Josef Coresh, Johns Hopkins Univ, Baltimore, MD

Plenary Session 11

Nutrition

1:30–3:00 PM

Grand Ballroom CDE

Moderators:

Silvia Koton, PhD, MOccH, RN, Tel Aviv University, Tel Aviv, Israel
Jo Ann S. Carson, PhD, University of Texas Southwestern Medical Center, Dallas, TX

- 1:30 **The William B. Kannel Memorial Lecture Promoting the Prevention of Atrial Fibrillation**
Emelia J. Benjamin, MD, ScM, Boston University Schools of Medicine & Public Health, Framingham, MA

Oral Abstract Presentations – Nutrition

- 2:00 **Diet Beverage Intake is Positively Associated With Incident Coronary Heart Disease in People With Type 2 Diabetes**
Andrew O. Odegaard, Univ of California Irvine, Irvine, CA; Lyn M. Steffen, David R. Jacobs, Univ of Minnesota, Minneapolis, MN; Katherine L. Tucker, Univ of Massachusetts, Lowell, Lowell, MA; Kenneth J. Mukamal, Harvard Medical Sch, Boston, MA; Mark A. Pereira, Univ of Minnesota, Minneapolis, MN
- 2:15 **Adherence to a DASH (Dietary Approaches to Stop Hypertension) Dietary Pattern and Risk of Abdominal Aortic Aneurysm**
Bernhard Haring, Univ of Wuerzburg, Wuerzburg, Germany; Elizabeth Selvin, Xintong He, Josef Coresh, Johns Hopkins Univ, Baltimore, MD; Lyn M. Steffen, Aaron R. Folsom, Weihong Tang, Univ of Minnesota, Minneapolis, MN; Casey M. Rebholz, Johns Hopkins Univ, Baltimore, MD
- 2:30 **Serum Metabolomic Profile of the Dietary Approaches to Stop Hypertension (DASH) Dietary Pattern**
Casey M. Rebholz, Johns Hopkins Univ, Baltimore, MD; Alice H. Lichtenstein, Tufts Univ Friedman Sch of Nutrition Science

- 2:45 **Estimating the Benefits of the Proposed FDA Sodium Reformulation Policy on Cardiovascular Disease, Disparities and Economic Costs**
Jonathan Pearson-Stuttard, Sch of Public Health, Imperial Coll, London, United Kingdom; Chris Kyridemos, Brendan Collins, Dept of Public Health and Policy, Univ of Liverpool, Liverpool, United Kingdom; Yue Huang, Friedman Sch of Nutrition Science and Policy, Tufts Univ, Boston, MA; Piotr Bandosz, Dept of Public Health and Policy, Univ of Liverpool, Liverpool, United Kingdom; Laurie Whitsel, Policy Res, American Heart Association, Washington, WA; Simon Capewell, Dept of Public Health and Policy, Univ of Liverpool, Liverpool, United Kingdom; Dariush Mozaffarian, Parke Wilde, Friedman Sch of Nutrition Science and Policy, Tufts Univ, Boston, MA; Martin O’Flaherty, Dept of Public Health and Policy, Univ of Liverpool, Liverpool, United Kingdom; Renata Micha, Friedman Sch of Nutrition Science and Policy, Tufts Univ, Boston, MA

Refreshment Break

3:00–3:30 PM

Grand Foyer

Connection Corner

3:00–3:30 PM

Grand Foyer

Session 12

ASPC Annual Debate

3:30–4:30 p.m

Grand Ballroom CDE

Moderator:

Mary Cushman, MD, University of Vermont, Burlington, VT

- 3:30 **ASPC Annual Debate: The Pros vs Cons of Considering Medical Costs when Considering Cardiovascular Disease Prevention and Treatment**
CON: Matthew DeCamp, MD, PhD, Johns Hopkins University School of Medicine, Baltimore, MD
PRO: William S. Weintraub, MD, MACC, FAHA, FESC, MedStar Washington Hospital Center, Washington DC

FRIDAY

Poster Presentations

Moderated Poster Sessions

All moderated poster sessions will take place in the Poster Hall in the **Napoleon Ballroom**, located on the 3rd floor. Please follow the signage to the moderated session you wish to attend. Each moderated poster session has been assigned a number as listed below. Proceed to the corresponding table to meet the moderator and check out a headset. We ask that you arrive 15 minutes prior to the start time so that the “tour” can begin on time. From the table, you will be guided by the moderator and begin the tour of your selected session.

Please note that each session is limited to 30 attendees and headsets are distributed on a first-come, first-served basis.

Tuesday, March 20

Moderated portion takes places from 5:30–6:30 PM

- MP01 Cardiovascular Biomarkers
- MP02 Epidemiology of Kidney Disease
- MP03 Epidemiology of Venous Thrombosis and Lower Extremity Disease
- MP04 Epidemiologic Research Using Electronic Health Records

Thursday, March 22

Moderated portion takes places from 5:30–6:30 PM.

- MP10 Social Determinants of Health
- MP11 Epidemiologic Studies of Genetics, Metabolics, and Proteomics
- MP12 Cardiovascular Risk Factors in Pregnancy and Early Life
- MP13 Health Services Research

Wednesday, March 21

Moderated portion takes places from 5:30–6:30 PM

- MP05 Epidemiology of Overweight and Obesity
- MP06 Health Effects of Physical Activity and Sedentary Behavior
- MP07 Nutritional Epidemiology
- MP08 NHLBI
- MP09 Diabetes Epidemiology

Poster Session Schedule

All poster sessions take place in the **Napoleon Ballroom**, located on the 3rd floor.

(Please note that some poster numbers are not in numerical order due to changes in the originally scheduled presentation date.)

Poster Session 1

Tuesday, March 20, 5:00–7:00 PM
P001–P125

MP001–MP024

These posters will be available for viewing throughout the entire session. The moderated portion takes place from 5:30–6:30 PM

Poster Session 2

Wednesday, March 21, 5:00–7:00 PM
P126–P248

MP025–M054

These posters will be available for viewing throughout the entire session. The moderated portion takes place from 5:30–6:30 PM

Poster Session 3

Thursday, March 22, 5:00–7:00 PM
P249–P382

MP055–MP078

These posters will be available for viewing throughout the entire session. The moderated portion takes place from 5:30–6:30 PM

Poster Presentations (continued)

Moderated Poster Sessions

MP01 Cardiovascular Biomarkers

Moderator:

Deirdre K. Tobias, ScD,
Brigham and Women's Hospital, Boston, MA

MP01 NMR Metabolomic Insulin Resistance

Multimarkers Are Associated With Incident Diabetes: The CARDIA Study

Amena Keshawarz, Univ of Colorado, Aurora, CO; David R. Jacobs, Univ of Minnesota, Minneapolis, MN; James D. Otvos, LabCorp, Morrisville, NC; Daniel A. Duprez, Univ of Minnesota, Minneapolis, MN; Jamal S. Rana, Kaiser Permanente Northern California, Oakland, CA; Janet K. Snell-Bergeon, Univ of Colorado, Aurora, CO

MP02 N-Terminal Pro-B-type Natriuretic Peptide and Risk of Stroke in Those With and Without Cerebrovascular Disease: The REGARDS Cohort

Kara Landry, Larner Coll of Med, Univ of Vermont, Burlington, VT; Suzanne Judd, Univ of Alabama at Birmingham, Birmingham, AL; Dawn Kleindorfer, Univ of Cincinnati, Cincinnati, OH; George Howard, Virginia Howard, Univ of Alabama at Birmingham, Birmingham, AL; Neil Zakai, Mary Cushman, Larner Coll of Med, Univ of Vermont, Burlington, VT

MP03 Plasma Sphingolipids and Risks of Heart Failure and Atrial Fibrillation in Older Adults: The Cardiovascular Health Study

Rozenn N. Lemaitre, Paul N. Jensen, Barbara McKnight, Andrew Hoofnagle, Univ of Washington, Seattle, WA; Irena B. King, Univ of New Mexico, Albuquerque, NM; Susan R. Heckbert, Nona Sotoodehnia, Univ of Washington, Seattle, WA; Dariush Mozaffarian, Tufts Univ, Boston, MA; Bruce M. Psaty, Univ of Washington, Seattle, WA

MP04 Sex Hormones and 10 Year Progression of Coronary Artery Calcium Among Post-Menopausal Women in the Multi-Ethnic Study of Atherosclerosis

Vinita Subramanya, Div of Cardiology, Johns Hopkins Hosp, Baltimore, MD; Di Zhao, Dept. of Epidemiology, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Pamela Ouyang, Wendy Ying, Div of Cardiology, Johns Hopkins Hosp, Baltimore, MD; Dhananjay Vaidya, Dept of General Internal Med, Johns Hopkins Hosp, Baltimore, MD; Eliseo Guallar, Dept. of Epidemiology, Johns Hopkins Hosp, Baltimore, MD; Chiadi E. Ndumele, Div of Cardiology, Johns Hopkins Hosp, Baltimore, MD; Susan R. Heckbert, Cardiovascular Health Res Unit and

Dept of Epidemiology, Seattle, WA; Matthew J. Budoff, Harbor-UCLA Medical Ctr, David Geffen Sch of Med at UCLA, Los Angeles, CA; Wendy S. Post, Erin D. Michos, Div of Cardiology, Johns Hopkins Hosp, Baltimore, MD

MP05 N Terminal Pro B Type Natriuretic Peptide as a Stroke Risk Factor in the European Population: Results From the Biomarcare Consortium

Augusto Filippo Di Castelnuovo, Neuromed, Pozzilli, Italy; Giovanni Veronesi, Univ of Insubria, Varese, Italy; Simona Costanzo, Marialaura Bonaccio, Neuromed, Pozzilli, Italy; Tanja Zeller, Renate Schnabel, Univ Heart Ctr, Hamburg, Germany; Torben Joergensen, Univ of Copenhagen, Copenhagen, Denmark; Veikko Salomaa, Natl Inst for Health and Welfare, Helsinki, Finland; John Yarnell, Queens Univ of Belfast, Belfast, United Kingdom; Marco Ferrario, Univ of Insubria, Varese, Italy; Simona Giampaoli, Istituto Superiore di Sanità, Rome, Italy; Christa Meisinger, German Res Ctr for Environmental Health, Neuherberg, Germany; Frank Kee, Queens Univ of Belfast, Belfast, United Kingdom; Wolfgang Koenig, Univ of Ulm Medical Ctr, Ulm, Germany; Ulf Landmesser, NeuromCharité Univmedizin, Berlin, Germany; Giovanni de Gaetano, Neuromed, Pozzilli, Italy; Kari Kuulasmaa, Natl Inst for Health and Welfare, Helsinki, Finland; Stefan Blankenberg, Univ Heart Ctr, Hamburg, Germany; Licia Iacoviello, Neuromed, Pozzilli, Italy; BiomarcARE Investigators

MP06 Circulating Fatty Acids in the De Novo Lipogenesis Pathway and Total and Cause-Specific Mortality Among Older Adults: The Cardiovascular Health Study

Heidi T. Lai, Tufts Univ, Boston, MA; Marcia C. de Oliveira Otto, The Univ of Texas Health Science Ctr at Houston, Sch of Public Health, Houston, TX; Jason H.Y. Wu, George Inst for Global Health, Univ of New South Wales, New South Wales, Australia; Yujin Lee, Tufts Univ, Boston, MA; Xiaoling Song, Fred Hutchinson Cancer Res Ctr, Seattle, WA; Irena B. King, Univ of New Mexico, Albuquerque, NM; Bruce M. Psaty, Kaiser Permanente Washington Health Res Inst and the Univ of Washington, Seattle, WA; Rozenn N. Lemaitre, Barbara McKnight, Univ of Washington, Seattle, WA; David S. Siscovick, The New York Acad of Med, New York City, NY; Dariush Mozaffarian, Tufts Univ, Boston, MA

Poster Presentations (continued)

MP02 Epidemiology of Kidney Disease

Moderator:

Alex Chang, MD, MS,
Geisinger Health System, Danville, PA

MP07 Soluble Urokinase-type Plasminogen Activator Receptor is Associated with Progression of Hypertension-Attributed Chronic Kidney Disease in African Americans
Shengyuan Luo, Josef Coresh, Adrienne Tin, Casey M. Rebholz, Teresa K. Chen, Johns Hopkins Univ, Baltimore, MD; Salim S. Hayek, Emory Univ, Atlanta, GA; Melissa Tracy, Rush Univ Medical Ctr, Chicago, IL; Michael S. Lipkowitz, Georgetown Univ, Washington, DC; Lawrence J. Appel, Johns Hopkins Univ, Baltimore, MD; Andrew S. Levey, Lesley A. Inker, Tufts Medical Ctr, Boston, MA; Jochen Reiser, Rush Univ Medical Ctr, Chicago, IL; Morgan E. Grams, Johns Hopkins Univ, Baltimore, MD

MP08 Coffee Consumption and Incident Kidney Disease: Results From the Atherosclerosis Risk in Communities (ARIC) Study
Emily A. Hu, Elizabeth Selvin, Morgan E. Grams, Johns Hopkins Univ, Baltimore, MD; Lyn M. Steffen, Univ of Minnesota, Minneapolis, MN; Josef Coresh, Casey M. Rebholz, Johns Hopkins Univ, Baltimore, MD

MP09 Geographic Disparities in Rates of End-Stage Renal Disease and Organ Supply in Gulf States Compared to Non-Gulf States
Rhiannon D. Reed, Univ of Alabama at Birmingham, Irondale, AL; Brittany A. Shelton, Deanna M McWilliams, Margaux N. Mustian, Paul A. MacLennan, Univ of Alabama at Birmingham, Birmingham, AL; Deirdre Sawinski, Univ of Pennsylvania, Philadelphia, PA; Jayme E. Locke, Univ of Alabama at Birmingham, Birmingham, AL

MP10 Increasing Obesity Prevalence in the United States End-stage Renal Disease Population
Brittany Shelton, Deanna McWilliams, Rhiannon D. Reed, Margaux Mustian, Paul MacLennan, Univ of Alabama at Birmingham, Birmingham, AL; Deirdre Sawinski, Univ of Pennsylvania, Philadelphia, PA; Jayme E. Locke, Univ of Alabama at Birmingham, Birmingham, AL

MP11 Serum Metabolites Associate With Kidney Function Among Bogalusa Heart Study Participants
Jovia L. Nierenberg, Jiang He, Tulane Univ, New Orleans, LA; Changwei Li, Univ of Georgia, Athens, GA; Shengxu Li, Lydia A. Bazzano, Wei Chen, Tanika N Kelly, Tulane Univ, New Orleans, LA

MP12 Cardiovascular Health Promoting Behaviors in Older Patients With Chronic Kidney Disease
Sarah Schraub, Jesse Y. Hsu, Univ of Pennsylvania, Philadelphia, PA; Ana C. Ricardo,

James P. Lash, Univ of Illinois at Chicago, Chicago, IL; Harold I. Feldman, Amanda H. Anderson, Univ of Pennsylvania, Philadelphia, PA; CRIC Study Investigators

MP03 Epidemiology of Venous Thrombosis and Lower Extremity Disease

Moderator:

Wayne Rosamond, PhD, MS, FAHA, University of North Carolina at Chapel Hill, Chapel Hill, NC

MP13 Comparative Effectiveness of Direct Oral Anticoagulants and Warfarin on Risk of Bleeding Resulting in Hospitalization Among Venous Thromboembolism Patients
Pamela L. Lutsey, Univ of Minnesota, Minneapolis, MN; Neil A. Zakai, Univ of Vermont, Burlington, VT; Richard F. MacLehose, Faye L. Norby, Rob F. Walker, Nicholas S. Roetker, Terrence J. Adam, Univ of Minnesota, Minneapolis, MN; Alvaro Alonso, Emory Univ, Atlanta, GA

MP14 Proteinuria is Associated With a Greater Risk of Lower Limb Amputation in Patients With Peripheral Artery Disease
Jung-Im Shin, Morgan Grams, Josef Coresh, Johns Hopkins Univ, Baltimore, MD; Alex Chang, Kidney Health Res Inst, Geisinger, Danville, PA; Kunihiro Matsushita, Johns Hopkins Univ, Baltimore, MD

MP15 Aspirin is Effective in Preventing Venous Thromboembolism After Knee or Hip Arthroplasty
Christine Baumgartner, Judith Maselli, Andrew D. Auerbach, Margaret C. Fang, Univ of California, San Francisco, San Francisco, CA

MP16 Trends in Statin Utilization Among Adults With Severe Peripheral Artery Disease Including Critical Limb Ischemia in an Integrated Healthcare Delivery System
Kristi Reynolds, Kaiser Permanente Southern California, Pasadena, CA; Katie Mues, Amgen Inc., Thousand Oaks, CA; Lei Qian, Songyue Chen, Teresa N. Harrison, Jin-Wen Y. Hsu, Kaiser Permanente Southern California, Pasadena, CA; Kiran J. Philip, Keri L. Monda, Amgen Inc., Thousand Oaks, CA; Stephanie Reading, Kaiser Permanente Southern California, Pasadena, CA; Somjot Brar, Kaiser Permanente Los Angeles Medical Ctr, Los Angeles, CA

MP17 Galectin-3 and Subsequent Risk of Lower-extremity Peripheral Artery Disease: The Atherosclerosis Risk in Communities (ARIC) Study
Kunihiro Matsushita, Chao Yang, Shoshana H. Ballew, John W. McEvoy, Maya Salameh, Johns Hopkins Univ, Baltimore, MD; David Aguilar, Ron C. Hoogeveen, Vigay Nambi, Baylor Coll of Med, Houston, TX; Elizabeth Selvin, Johns Hopkins Univ, Baltimore, MD; Aaron R. Folsom,

Poster Presentations (continued)

- Univ of Minnesota, Minneapolis, MN; Gerardo Heiss, Univ of North Carolina, Chapel Hill, NC; Josef Coresh, Johns Hopkins Univ, Baltimore, MD; Christie M Ballantyne, Baylor Coll of Med, Houston, TX
- MP18 The Risk of Venous Thromboembolism is Lower in Multiple Asian Ethnic Groups**
H. Nicole Tran, Natalia Udaltsova, Stanton Siu, Jeanne Darbinian, Arthur L Klatsky, Kaiser Permanente, Oakland, CA
- MP04 Epidemiologic Research Using Electronic Health Records**
Moderator:
Randi E. Foraker, PhD Washington University School of Medicine, St. Louis, MO
- MP19 Can Clinical Measurements of Blood Pressure Replace Research-based Measurements?**
Olive Tang, Stephen Juraschek, Lawrence Appel, Lisa Cooper, Jeanne Charleston, Kathryn Carson, Hsin-Chieh Yeh, Edgar R. Miller III, Johns Hopkins Univ, Baltimore, MD
- MP20 The Discriminatory Characteristics of Neighborhood Socioeconomic Status in Predicting Cardiovascular Disease in Electronic Health Record Based Studies Differs by Age**
Nrupen A. Bhavsar, Duke University, Durham, NC; Aijing Gao, Neha Pagidipati, Duke University School of Medicine, Durham, NC; Matthew Phelan, Duke Clinical Research Institute, Durham, NC; Benjamin Goldstein, Duke University School of Medicine, Durham, NC
- MP21 Feasibility of Electronic Health Records-based Community Surveillance of Cardiovascular Disease: Findings from the Atherosclerosis Risk in Communities Study**
Brittany Megan Bogle, Wayne D. Rosamond, Univ of North Carolina-Chapel Hill, Chapel Hill, NC; Aaron R. Folsom, Univ of Minnesota, Minneapolis, MN; Paul Sorlie, Natl Inst of Heart, Lung, and Blood, NIH, Washington, DC; Elsayed Z. Soliman, Epidemiology, Winston-Salem, NC; Lynne Wagenknecht, Wake Forest University, Winston-Salem, NC; Anna Kucharska-Newton, Carlton Moore, Stephanie W. Haas, Gerardo Heiss, Univ of North Carolina-Chapel Hill, Chapel Hill, NC
- MP22 Feasibility of Electrocardiographic Identification and Classification of Myocardial Infarction Using Electronic Health Records. The Atherosclerosis Risk in Communities Study (ARIC)**
Antoine R. Baldassari, Univ of North Carolina, Chapel Hill, NC; Elsayed Z. Soliman, Wake Forest Univ Sch of Med, Winston-Salem, NC; Eric A. Whitsel, Univ of North Carolina, Chapel Hill, NC; Aaron R. Folsom, Univ of Minnesota, Minneapolis, MN; Kunihiro Matsushita, John Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Kenneth Butler, Univ of Mississippi Medical Ctr, Jackson, MS; Brittany M. Bogle, Univ of North Carolina, Chapel Hill, NC; Zhu-Ming Zhang, Wake Forest Univ Sch of Med, Winston-Salem, NC; Matthew S. Loop, Gerardo Heiss, Univ of North Carolina, Chapel Hill, NC
- MP23 Completeness in the Abstraction of Cardiac Biomarkers and Cardiac Pain Data From Electronic Health Records (EHR). Findings From the Atherosclerosis Risk in Communities (ARIC) Study**
Anna Kucharska-Newton, Manuela Bullo, Matthew Loop, Carlton Moore, Stephanie W Haas, Wayne Rosamond, Univ North Carolina, Chapel Hill, NC; Wendell Futrell, Wake Forest Univ, Winston-Salem, NC; Kehan Luo, Harish Yadav, Brittany Bogle, Univ North Carolina, Chapel Hill, NC
- MP24 Comparison of On-Site Versus Remote Support for a Mobile-Device Pilot Study: A Collaboration Between the Framingham Heart Study and Health eHeart Study (FHS-HeH)**
Nicole L. Spartano, Fangui Sun, Kathryn L. Lunetta, Ludovic Trinquart, Maureen Valentino, Emily S. Manders, Boston Univ, Boston, MA; Mark J. Pletcher, Gregory M. Marcus, Univ of California, San Francisco, San Francisco, CA; David D. McManus, Univ of Massachusetts Medical Sch, Worcester, MA; Emelia J. Benjamin, Boston Univ, Boston, MA; Caroline S. Fox, Merck Res Labs, Boston, MA; Jeffrey E. Olgin*, Univ of California, San Francisco, San Francisco, CA; Joanne M. Murabito*, Boston Univ, Boston, MA
- MP05 Epidemiology of Overweight and Obesity**
Moderator:
Alain G. Bertoni, MD, MPH, Wake Forest School of Medicine, Winston Salem, NC
- MP25 Obesity, Heart Failure Risk & Cardiorespiratory Fitness**
Peter F. Kokkinos, Puneet Narayan, Charles Faselis, Veterans Affairs Medical Ctr, Washington, DC; Jonathan Myers, Veterans Affairs Palo Alto Health Care System, Palo Alto, CA; Carl Lavie, John Ochsner Heart and Vascular Inst, New Orleans, LA; Monica Aiken, Ali Ahmed, Federico Mordini, Hans Moore, Pamela Karasik, Veterans Affairs Medical Ctr, Washington, DC
- MP26 Obesity is Associated With Accelerated Epigenetic Aging in Midlife: The Coronary Artery Risk Development in Young Adults (CARDIA) Study**
Sadiya S. Khan, Yinan Zheng, Laura A. Colangelo, Wei Zhang, Northwestern Univ, Chicago, IL; Cora E. Lewis, Univ of Alabama, Birmingham, AL; Philip Greenland, Donald M. Lloyd-Jones, Lifang Hou, Northwestern Univ, Chicago, IL

Poster Presentations (continued)

- MP27 Weight Change, BMI, and Mortality Among Survivors of Myocardial Infarction: Analysis of Two Prospective US Cohort Studies**
Laila Al-Shaar, Yanping Li, Eric Rimm, JoAnn E. Manson, Frank Hu, Walter Willett, Harvard Univ, Boston, MA
- MP28 Cardiorespiratory Fitness Attenuates Risk of Cancer in Obese**
Puneet Narayan, Peter F. Kokkinos, Charles Faselis, Veterans Affairs Medical Ctr, Washington, DC; Jonathan Myers, Veterans Affairs Medical Ctr, Palo Alto, CA; Anubhav Kumar, Clinical Res Inst of Northern Virginia, Inc, Burke, VA; Pamela Karasik, Hans Moore, Veterans Affairs Medical Ctr, Washington, DC
- MP29 Factors Associated With Stability of Metabolically Healthy Obesity: The Coronary Artery Risk Development in Young Adults (CARDIA) Study**
Sarah M. Camhi, Univ of Massachusetts, Boston, Boston, MA; Aviva Must, Tufts Univ, Boston, MA; Philimon N. Gona, Univ of Massachusetts, Boston, Boston, MA; Arlene Hankinson, Northwestern Univ, Chicago, IL; Andrew Odegaard, Univ of California, Irvine, Irvine, CA; Jared P. Reis, Natl Heart, Lung, and Blood Inst at the Natl Insts of Health, Bethesda, MD; Erica P. Gunderson, Kaiser Permanente, Oakland, CA; David R. Jacobs, Univ of Minnesota, Minneapolis, MN; Mercedes Carnethon, Northwestern Univ, Chicago, IL
- MP30 Longitudinal Tracking of Obesity From Childhood and Adolescence Into Adulthood: The International Childhood Cardiovascular Cohort (i3C) Consortium**
Justin R. Ryder, Alan R. Sinaiko, David R. Jacobs Jr, Tian Hu, Univ of Minnesota, Minneapolis, MN; Trudy Burns, Univ of Iowa, Iowa City, IA; Jessica G. Woo, Elaine M Urbina, Cincinnati Children's Hosp, Cincinnati, OH; Lydia Bazzano, Tulane Univ, New Orleans, LA; Alison Venn, Univ of Tasmania, Hobart, Australia; Terrence Dwyer, Univ of Oxford, Minneapolis, United Kingdom; Markus Juonalla, Olli Raitakari, Univ of Turku, Turku, Finland; Ronald Prineas, Wake Forest Univ, Winston-Salem, NC; Julia Steinberger, Univ of Minnesota, Minneapolis, MN
- MP32 Muscular Strength and Type 2 Diabetes Prevention**
Duck-chul Lee, Angelique Brellenthin, Iowa State Univ, Ames, IA; Xuemei Sui, Steven Blair, Univ of South Carolina, Columbia, SC
- MP33 Association Between Twenty-year Trajectories of Physical Activity From Midlife to Old Age and Cardiovascular Disease Risk Factors: A 20-Year Cohort Study of British Men**
Daniel Aggio, Efstathios Papachristou, Olia Papacosta, Lucy T Lennon, Sarah Ash, Peter H Whincup, Goya S Wannamethee, Barbara Jefferis, UCL, London, United Kingdom
- MP34 Tai Chi Exercise is More Effective Than Brisk Walking in Reducing Cardiovascular Disease Risk Factors**
Aileen WK Chan, Doris YP Leung, SY Chair, Janet WH Sit, The Chinese Univ of Hong Kong, Shatin, Hong Kong; Ruth E. Taylor-Piliae, Univ of Arizona, Shatin, AZ
- MP35 Physical Activity Before and After Cancer Diagnosis and Total and Cause-Specific Mortality**
Paulette D. Chandler, Deirdre Tobias, Harvard Medical Sch/Brigham and Women's Hosp, Boston, MA; Jule E. Buring, T.H.Chan Harvard Sch of Public Health/Harvard Medical Sch/Brigham and Women's Hosp, Boston, MA; I-Min Lee, T.H. Chan Harvard Sch of Public Health/Harvard Medical Sch/Brigham and Women's Hosp, Boston, MA; Daniel Chasman, Kathryn T Hall, Nancy R Cook, Harvard Medical Sch/Brigham and Women's Hosp, Boston, MA; Edward L. Giovannucci, T.H. Chan Harvard Sch of Public Health/Harvard Medical Sch/Brigham and Women's Hosp, Boston, MA; Aditi Hazra, Howard D, Sesso, Harvard Medical Sch/Brigham and Women's Hosp, Boston, MA
- MP36 Poverty Modifies the Association of Health-Related Fitness and School Absenteeism in New York City Middle School Girls**
Emily M. D'Agostino, Miami-Dade County Parks Dept, Miami, FL; Sophia E. Day, Kevin J. Konty, NYC Dept of Health and Mental Hygiene, Office of Sch Health, New York, NY; Michael Larkin, NYC Dept of Education, Office of Sch Health, New York, NY; Subir Saha, Miami-Dade County Parks Dept, Miami, FL; Katarzyna Wyka, CUNY Graduate Sch of Public Health and Health Policy, New York, NY
- MP06 Health Effects of Physical Activity and Sedentary Behavior**
Moderator:
Jared P. Reis, PhD, National Heart, Lung, and Blood Institute, Bethesda, MD
- MP31 State-Level Impact of Low Physical Activity on All-Cause Disease Burden**
Patrick Sur, Ashkan Afshin, IHME at Univ of Washington, Seattle, WA

Poster Presentations (continued)

MP07 Nutritional Epidemiology

Moderator:

Emily B. Levitan, ScD, University of Alabama at Birmingham, Birmingham, AL

MP37 Diet Quality and Lifetime Risk of Total Cardiovascular Disease in US Adults

Victor W. Zhong, Hongyan Ning, Linda V. Van Horn, John T. Wilkins, Donald M. Lloyd-Jones, Norrina B. Allen, Northwestern Univ, Chicago, IL

MP38 Effect of Dietary Carbohydrate Type on Serum Lipid Profile, Adipose Tissue Macrophage Infiltration and Inflammatory Status, and Peripheral Macrophage Cholesterol Efflux

Huicui Meng, Nirupa R. Matthan, Silvia Berciano Benitez, JM USDA HNRCA at Tufts Univ, Boston, MA; Susan K. Fried, Icahn Sch of Med at Mount Sinai, New York, NY; Alice H. Lichtenstein, JM USDA HNRCA at Tufts Univ, Boston, MA

MP39 Trends in Diet Quality Among US Adults by Supplemental Nutrition Assistance Program Participation Status: 1999-2014

Fangfang Zhang, **Junxiu Liu**, Colin D Rehm, Parke Wilde, Jerold R Mande, Dariush Mozaffarian, Friedman Sch of Nutrition and Policy, Boston, MA

MP40 Associations of Monounsaturated Fatty Acids From Plant and Animal Sources With Total and Cardiovascular Mortality Risk

Marta Guasch, Geng Zong, Walter Willett, Harvard School of Public Health, Boston, MA; Peter Zock, Anne Wanders, Unilever Res and Development, Vlaardingen, Netherlands; Frank Hu, Qi Sun, Harvard School of Public Health, Boston, MA

MP41 Quantifying the Health and Economic Impact of the FDA Added Sugar Labeling Mandate in the US: A Cost-Effectiveness Analysis

Yue Huang, Tufts Univ, Boston, MA; Chris Kyridemos, Univ of Liverpool, Liverpool, United Kingdom; Junxiu Liu, Yujin Lee, Tufts Univ, Boston, MA; Brendan Collins, Univ of Liverpool, Liverpool, United Kingdom; Jonathan Pearson-Stuttard, Imperial Coll London, London, United Kingdom; Piotr Bandosz, Simon Capewell, Univ of Liverpool, Liverpool, United Kingdom; Laurie Whitsel, American Heart Association, Washington DC; Parke Wilde, Dariush Mozaffarian, Tufts Univ, Boston, MA; Martin O'Flaherty, Univ of Liverpool, Liverpool, United Kingdom; Renata Micha, Tufts Univ, Boston, MA

MP42 Dietary Linoleic Acid Intake is Inversely Associated With Type 2 Diabetes Risk in Three Large Prospective Cohort Studies of U.S. Men And Women

Geng Zong, Gang Liu, Harvard T. H. Chan School of Public, Boston, MA; Anne J. Wanders, Marjan Alssema, Peter L. Zock, Unilever Res and Development, Vlaardingen, Netherlands; Walter Willett, Frank B. Hu, Qi Sun, Harvard T. H. Chan School of Public, Boston, MA

MP08 NHLBI

MP43 Dietary Minerals and Metabolic Syndrome: Results from the Hispanic Community Health Study/Study of Latinos (HCHS/SOL)

Bulka, CB, Daviglius ML, University of Illinois at Chicago, Chicago, IL; Sotres-Alvarez D, University of North Carolina at Chapel Hill, NC; Durazo-Arvizu RA, University of Illinois at Chicago, Chicago, IL; Mossavar-Rahmani Y, Albert Einstein College of Medicine, Bronx, NY; Persky VW, Argos M, University of Illinois at Chicago, Chicago, IL.

MP44 Predictors and Correlates of Secondhand Smoke in Work Environments Among Rural and Urban American Indians

Anderson, MA, Widome R, Forster JL, University of Minnesota, Minneapolis, MN; Rhodes K, American Indian Cancer Foundation, Minneapolis, MN

MP45 Measuring Treatment Benefit in the Multiple Risk Factor Intervention Trial (MRFIT) with the Win Ratio

Eaton, AA, Kotalik A, Lian Q, Serrano C, Connett J, Neaton J, University of Minnesota, Minneapolis, MN

MP46 Social Role Stress, Reward and the American Heart Association Life's Simple 7 in Midlife Women: The Study of Women's Health Across the Nation

Stewart A, Barinas-Mitchell E, Matthews K, Magnani JW, El Khoudary S, University of Pittsburgh, Pittsburgh, PA; Jackson EA, University of Michigan, Ann Arbor, MI; Brooks MM, University of Pittsburgh, Pittsburgh, PA.

MP47 It's Not Too Late to Improve Adherence: Association Between All-Cause Mortality and Statin Adherence Change After Acute Myocardial Infarction

Hickson RP, University of North Carolina at Chapel Hill, Chapel Hill, NC; Robinson JG, University of Iowa, Iowa City, IA; Annis IE, Killeya-Jones LA, Fang G, University of North Carolina at Chapel Hill, Chapel Hill, NC

Poster Presentations (continued)

MP48 Trends in Hypertension Prevalence, Awareness, Treatment, and Control: The National Health and Nutrition Examination Survey, 1999-2014

Foti K, Wang D, Selvin E, Johns Hopkins University, Baltimore, MD.

MP09 Diabetes Epidemiology

Moderator:

David Stuart Siscovick, MD, MPH, New York Academy of Medicine, New York, NY

MP49 Racial/Ethnic Differences in Receipt of Follow-up Care and Type 2 Diabetes Diagnosis Following Gestational Diabetes

Julie K. Bower, Brittney Francis, Seuli Bose-Brill, The Ohio State Univ, Columbus, OH; Christina L. Wassel, Univ of Vermont, Burlington, VT

MP50 Serum Metabolomic Profile of Incident Diabetes

Casey M. Rebholz, Johns Hopkins Univ, Baltimore, MD; Bing Yu, Univ of Texas Health Sciences Ctr, Houston, TX; Zihe Zheng, Johns Hopkins Univ, Baltimore, MD; Patrick Chang, Univ of Texas Health Sciences Ctr, Houston, TX; Adrienne Tin, Anna Köttgen, Johns Hopkins Univ, Baltimore, MD; Lynne E. Wagenknecht, Wake Forest Univ Sch of Med, Winston-Salem, NC; Josef Coresh, Johns Hopkins Univ, Baltimore, MD; Eric Boerwinkle, Univ of Texas Health Sciences Ctr, Houston, TX; Elizabeth Selvin, Johns Hopkins Univ, Baltimore, MD

MP51 Lifetime Risk For Cardiovascular Disease Stratified By Fasting Glucose Level

Michael P. Bancks 60611, Hongyan Ning, Norrina B. Allen, Mercedes R. Carnethon, Northwestern Univ Feinberg Sch of Med, Chicago, IL; Justin Echouffo Tcheugui, Harvard Univ, Boston, MA; Donald M. Lloyd-Jones, John T. Wilkins, Northwestern Univ Feinberg Sch of Med, Chicago, IL

MP52 Population Health Impact of Sodium Glucose Co-Transporter 2 Inhibitors and Glucagon-Like Peptide-1 Receptor Agonists in US Adults With Type 2 Diabetes

Girish Nadkarni, Priti Poojary, Rocco Ferrandino, Aparna Saha, Kinsuk Chauhan, Madhu Mazumdar, Steven Coca, **Bart S. Ferket**, Icahn Sch of Med Mt Sinai, New York, NY

MP53 1,5-anhydroglucitol to Identify Older Adults with Diabetes at Risk of Hospitalization and All-cause Mortality

Bethany Warren, Andreea Rawlings, A. Richey Sharrett, Josef Coresh, Johns Hopkins Univ, Baltimore, MD; Anna Kottgen, Univ of Freiburg, Freiburg, Germany; Elizabeth Selvin, Johns Hopkins Univ, Baltimore, MD

MP54 Circulating Prolactin Concentrations and Risk of Type 2 Diabetes in US Women

Jun Li, Megan S. Rice, Tianyi Huang, Sue Hankinson, HSPH, Boston, MA; Charles Clevenger, Virginia Commonwealth Univ, Richmond, VA; Frank Hu, HSPH, Boston, MA; Shelley Tworoger, H. Lee Moffitt Cancer Ctr and Res Inst, Tampa, FL

MP10 Social Determinants of Health

Moderator:

Kiarri N Kershaw, PhD, MPH, Northwestern University, Chicago, IL

MP55 Associations Between Traffic-Related Air Pollution and Cardiovascular Disease Risk Factors Were Stronger in More Walkable Neighborhoods: The Cardiovascular Health in Ambulatory Care Research Team Cohort

Nicholas A. Howell, Jack V. Tu, Rahim Moineddin, Univ of Toronto, Toronto, ON, Canada; Anna Chu, Inst for Clinical and Evaluative Sciences, Toronto, ON, Canada; Hong Chen, Univ of Toronto, Toronto, ON, Canada; Perry Hystad, Oregon State Univ, Corvallis, OR; Gillian L. Booth, Univ of Toronto, Toronto, ON, Canada

MP56 Social Role Stress, Reward and the American Heart Association Life's Simple 7 in Midlife Women: The Study of Women's Health Across the Nation

Andrea Stewart, Emma Barinas-Mitchell, Karen A Matthews, Jared W. Magnani, Samar El Khoudary, Univ of Pittsburgh, Pittsburgh, PA; Elizabeth A. Jackson, Univ of Michigan, Ann Arbor, MI; Maria M. Brooks, Univ of Pittsburgh, Pittsburgh, PA

MP57 Unfavorable Perceived Neighborhood Environment Associates With Lower Levels of Routine Healthcare Utilization: Data From the Dallas Heart Study, 2007-2009

Joniqua Ceasar, Natl Insts of Health, Bethesda, MD; Colby Ayers, Univ of Texas - Southwestern, Dallas, TX; Marcus Andrews, Sophie Claudel, Kosuke Tamura, Natl Insts of Health, Bethesda, MD; Sandeep Das, Ian Neeland, Univ of Texas - Southwestern, Dallas, TX; Tiffany M. Powell-Wiley, Natl Insts of Health, Bethesda, MD

MP58 Racial Residential Segregation is Associated With Worse Cardiovascular Health in African American Adults: The Jackson Heart Study

Sharrelle Barber, Drexel Univ, Philadelphia, PA; Kiarri Kershaw, Northwestern Univ Feinberg Sch of Med, Chicago, PA; Xu Wang, Drexel Univ, Philadelphia, PA; Mario Sims, Univ of Mississippi Medical Ctr, Jackson, MS; Julianne Nelson, Ana V. Diez-Roux, Drexel Univ, Philadelphia, PA

Poster Presentations (continued)

MP59 The Association Between Acute Mental Stress and Abnormal P-wave Axis

Zakaria Almuwaqqat, Wesley T. O'Neal, Muhammad Hammadah, Pratik Sandesara, Belal Kaseer, Matthew Amin, Ayman S. Tahhan, Mohamad M. Gafeer, Naser Abdelhadi, Malik Obideen, Ibhaz Al Mheid, Ayman Alkhoder, Douglas Bremner, Michael Kutner, Emory Univ, Atlanta, GA; Elsayed Z. Soliman, Wake Forest Sch of Med, Winston-Salem, NC; Amit J. Shah, Arshed A. Quyyumi, Viola Vaccarino, Emory Univ, Atlanta, GA

MP60 Depressive Symptoms and Risk of Incident Atrial Fibrillation: The Multi-Ethnic Study of Atherosclerosis

Parveen K. Garg, USC, Los Angeles, CA; Wesley T. O'Neal, Emory Univ, Atlanta, GA; Ana V. Diez Roux, Drexel Univ, Philadelphia, PA; Alvaro Alonso, Emory Univ, Atlanta, GA; Elsayed Soliman, Wake Forest Univ, Winston-Salem, NC; Susan Heckbert, Univ of Washington, Seattle, WA

MP11 Epidemiologic Studies of Genetics, Metabolomics, and Proteomics

Moderator:

Christy L. Avery, PhD, FAHA, University of North Carolina, Chapel Hill, NC

MP61 A Multi-pollutant, Multi-ethnic, and Methylome-wide Association Study Highlights Epigenetic Effects of Exposure to Ambient Air Pollution Mixtures

Antoine R. Baldassari, Rahul Gondalia, Katelyn M. Holliday, Raul Méndez-Giráldez, Univ of North Carolina, Chapel Hill, NC; Anne E. Justice, Geisinger Health Systems, Danville, PA; James D. Stewart, Univ of North Carolina, Chapel Hill, NC; Jeffrey D. Yanosky, Duanping Liao, Pennsylvania State Univ Coll of Med, Hershey, PA; Leslie Tinker, Kristina M. Jordhal, Parveen Bhatti, Fred Hutchinson Cancer Res Ctr, Seattle, WA; Themistocles L. Assimes, Stanford Univ, Palo Alto, CA; Steve Horvath, Univ of California Los Angeles, Los Angeles, CA; Jim S. Pankow, Ellen W. Demerath, Weihua Guan, Univ of Minnesota, Minneapolis, MN; Myriam Fornage, Jan Bressler, Univ of Texas Health Science Ctr at Houston, Houston, TX; Kari E. North, Univ of North Carolina, Chapel Hill, NC; Karen N. Conneely, Emory Univ, Atlanta, GA; Andrea A. Baccarelli, Columbia Univ, New York, NY; Lifang Hou, Northwestern Univ, Chicago, IL; Eric A. Whitsel, Univ of North Carolina, Chapel Hill, NC

MP62 Role of Rare and Low-Frequency Variants in Gene-Alcohol Interactions on Plasma Lipid Levels

Zhe Wang, Han Chen, Human Genetic Ctr, Univ of Texas Health Science Ctr at Houston, Houston, TX; Daniel I. Chasman, Div of Preventive Med, Brigham and Women's Hosp, Boston, MA; Ching-Ti Liu, Biostatistics Dept,

Boston Univ Sch of Public Health, Boston, MA; Raymond Noordam, Dept of Internal Med, Section of Gerontology and Geriatrics, Leiden Univ Medical Ctr, Leiden, Netherlands; Eric Boerwinkle, Human Genetic Ctr, Univ of Texas Health Science Ctr at Houston; Human Genome Sequencing Ctr, Baylor Coll of Med, Houston, TX; Alanna C. Morrison, Human Genetic Ctr, Univ of Texas Health Science Ctr at Houston, Houston, TX; CHARGE Gene-Lifestyle Interactions Working Group

MP63 Fine-mapping and Characterization of Adiponectin Gwas Loci Harboring Extensive Allelic Heterogeneity

Cassandra N. Spracklen, Univ of North Carolina, Chapel Hill, NC; Anne U. Jackson, Univ of Michigan, Ann Arbor, MI; Apoorva Iyengar, Swarooparani Vadlamudi, Univ of North Carolina, Chapel Hill, NC; Heather Stringham, Univ of Michigan, Ann Arbor, MI; Chelsea K. Raulerson, Maren E Cannon, Kevin W. Currin, Ying Wu, Univ of North Carolina, Chapel Hill, NC; Christian Fuchsberger, Univ of Lubeck, Bolzano, Italy; Ryan Welch, Univ of Michigan, Ann Arbor, MI; Peter Chines, Narisu Narisu, Natl Human Genome Res Inst, Bethesda, MD; Johanna Kuusisto, Univ of Eastern Finland and Kuopio Univ Hosp, Kuopio, Finland; Paivi Pajukanta, Univ of California Los Angeles, Los Angeles, CA; Francis Collins, Natl Human Genome Res Inst, Bethesda, MD; Michael Boehnke, Univ of Michigan, Ann Arbor, MI; Markku Laakso, Univ of Eastern Finland and Kuopio Univ Hosp, Kuopio, Finland; Karen Mohlke, Univ of North Carolina, Chapel Hill, NC

MP64 APOL1 Renal Risk Variants Associate With Heart Failure With Preserved Ejection Fraction in African-American Women

Nora Franceschini, Univ of North Carolina, Chapel Hill, NC; Ana Barac, Medstar Heart and Vascular Inst, Washington, DC; Lisa Martin, George Washington Univ Sch of Med and Health Sciences, Washington, DC; Wayne Rosamond, Univ of North Carolina, Chapel Hill, NC

MP65 Metabolomics Associated With Augmentation Index and Pulse Wave Velocity: Findings From the Bogalusa Heart Study

Changwei Li, Univ of Georgia, Athens, GA; Jiang He, Shengxu Li, Wei Chen, Lydia Bazzano, Xiao Sun, Tulane Univ Dept of Epidemiology, New Orleans, LA; Luqi Shen, Univ of Georgia Dept of Epidemiology, Athens, GA; Xiaoying Gu, Tanika Kelly, Tulane Univ Dept of Epidemiology, New Orleans, LA

MP66 Lipidomics Profiling and Progression of Carotid Artery Atherosclerosis in HIV-infected Individuals

Jin Choul Chai, Simin Hua, Albert Einstein Coll of Med, Bronx, NY; Clary B. Clish, Broad Inst of MIT and Harvard, Cambridge, MA; Amy A. Deik,

Poster Presentations (continued)

Broad Inst of MIT and Harvard, Cambridge, MD; Tao Wang, David B Hanna, Albert Einstein Coll of Med, Bronx, NY; Sabina A. Haberlen, Johns Hopkins Univ, Baltimore, MD; Sanjiv J. Shah, Northwestern Univ, Evanston, IL; Wendy S. Post, Johns Hopkins Univ, Baltimore, MD; Howard N Hodis, Univ of Southern California, Los Angeles, CA; Alan L. Landay, Rush Univ Medical Ctr, Chicago, IL; Kathryn Anastos, Robert C. Kaplan, Qibin Qi, Albert Einstein Coll of Med, Bronx, NY

MP12 Cardiovascular Risk Factors in Pregnancy and Early Life

Moderator:

Pamela Ouyang, MBBS, MD, John Hopkins Bayview Medical Center, Baltimore, MD

MP67 Pregnancy Outcomes in Women With Congenital Heart Defects in Colorado: Results From the Colorado CHD Surveillance System in Adolescents and Adults (COCHD)

Tessa Crume, Lindsey Duca, Colorado Sch of Public Health, Aurora, CO; Christopher Rausch, Children's Hosp of Colorado, Aurora, CO; Amber Khanna, Sch of Med, Univ of Colorado Anschutz Medical Campus, Aurora, CO

MP68 Association of Clinical and Subclinical Blood Pressure Elevation During Pregnancy With Maternal Health and Risk of Neonatal Low Birth Weight

Jie Hu, Brown Univ Sch of Public Health, Providence, RI; Jun Li, Harvard T. H. Chan Sch of Public Health, Boston, MA; Yang Peng, Yuanyuan Li, Sch of Public Health, Tongji Medical college, Huazhong Univ of Science and Technology, Wuhan, China

MP69 How Well Do Cardiovascular Risk Factors Before and During Pregnancy Correlate? The International Childhood Cardiovascular Cohort (i3C) Consortium

Emily W. Harville, Lydia Bazzano, Tulane Univ, New Orleans, LA; Jessica Woo, Univ of Cincinnati, Cincinnati, OH; Trudy Burns, Univ of Iowa, Iowa City, IA; Olli Raitakari, Univ of Turku, Turku, Finland; Elaine Urbina, Cincinnati Children's Hosp, Cincinnati, OH; Alison Venn, Univ of Tasmania, Hobart, Australia; David Jacobs, Julia Steinberger, Alan Sinaiko, Univ of Minnesota, Minneapolis, MN; Terry Dwyer, Oxford Univ, Oxford, United Kingdom; Markus Juonala, Univ of Turku, Turku, Finland

MP70 Pre-pregnancy Beta Cell Compensation for Insulin Resistance Associated With Subsequent Gestational Diabetes Mellitus: The CARDIA Study

Erica P. Gunderson, Kaiser Permanente Northern CA, Oakland, CA; Amy Krefman, Northwestern Univ, Chicago, IL; Cora E. Lewis, Univ of Alabama at Birmingham, Birmingham, AL; Janet Catov, Univ of Pittsburgh, Pittsburgh, PA; Norrina B. Allen, Northwestern Univ, Chicago, IL

MP71 Ten Year Predicted Cardiovascular Disease Risk in Young Women With Adverse Pregnancy Outcomes

Janet M. Catov, Univ of Pittsburgh, Pittsburgh, PA; Becky McNeil, RTI Intl, Research Triangle Park, NC; Philip Greenland, Northwestern Univ Feinberg Sch of Med, Chicago, IL; Noel Bairey Merz, Cedars-Sinai Medical Ctr, Los Angeles, CA; Deborah Ehrenthal, Univ of Wisconsin - Madison, Madison, WI; Corrette B. Parker, RTI Intl, Research Triangle Park, NC; William A. Grobman, Northwestern Univ Feinberg Sch of Med, Chicago, IL

MP72 Feasibility, Safety and Acceptability of Soy-Based Diet for Pregnant Women: Preliminary Results From a Pilot Randomized Controlled Trial

Ling Shi, UMass Boston Coll of Nursing & Health Sciences, Boston, MA; Vidya Iyer, Errol Norwitz, Tufts Medical Ctr, Boston, MA; Tiffany A Moore Simas, Univ of Massachusetts Medical Sch, Worcester, MA; Nirupa Matthan, JM USDA Human Nutrition Res Ctr on Aging, Tufts Univ, Boston, MA; Alice Lichtenstein, JM USDA Nutrition Res Ctr on Aging, Tufts Univ, Boston, MA; Laura L Hayman, UMass Boston Coll of Nursing & Health Sciences, Boston, MA

MP13 Health Services Research

Moderator:

Jun Ma, MD, PhD, FAHA, FABMR, University of Illinois, Chicago, IL

MP73 Emergency Call First Strategy versus Bystander Cardiopulmonary Resuscitation First Strategy for Out-of-Hospital Cardiac Arrest

Tatsuma Fukuda, Univ of the Ryukyus, Okinawa, Japan; Naoko Ohashi-Fukuda, The Univ of Tokyo, Tokyo, Japan; Yutaka Kondo, Univ of the Ryukyus, Okinawa, Japan; Kei Hayashida, Keio Univ Sch of Med, Tokyo, Japan; Ichiro Kukita, Univ of the Ryukyus, Okinawa, Japan

MP74 It's Not Too Late to Improve Adherence: Association Between All-Cause Mortality and Statin Adherence Change After Acute Myocardial Infarction

Ryan P. Hickson, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Jennifer G. Robinson, Univ of Iowa, Iowa City, IA; Izabela E. Annis, Ley A. Killeya-Jones, Gang Fang, Univ of North Carolina at Chapel Hill, Chapel Hill, NC

MP75 Geographic Variation in Stroke Rates and Oral Anticoagulation Use among Medicare Beneficiaries with Atrial Fibrillation

Inmaculada Hernandez, Samir Saba, Yuting Zhang, University Pittsburgh, Pittsburgh, PA

Poster Presentations (continued)

MP76 Trends in Adherence to Statin Therapy Among US Adults With Health Insurance Between 2007 and 2014

Lisandro D. Colantonio, Univ of Alabama at Birmingham, Birmingham, AL; Robert S. Rosenson, Mount Sinai Heart, Icahn Sch of Med at Mount Sinai, New York, NY; Luqin Deng, Univ of Alabama at Birmingham, Birmingham, AL; Keri L. Monda, Ctr for Observational Res, Amgen Inc., Thousand Oaks, CA; Yuling Dai, Univ of Alabama at Birmingham, Birmingham, AL; Michael E. Farkouh, Peter Munk Cardiac Ctr and Heart and Stroke Richard Lewar Ctr of Excellence, Univ of Toronto, Toronto, ON, Canada; Monika M. Safford, Dept of Med, Weill Cornell Medical Coll, New York, NY; Kiran Philip, Medical Affairs, Amgen Inc., Thousand Oaks, CA; Katherine E. Mues, Ctr for Observational Res, Amgen Inc., Thousand Oaks, CA; Paul Muntner, Univ of Alabama at Birmingham, Birmingham, AL

MP77 Patient, Provider, and Insurance Predictors of Oral Anticoagulation Initiation and Dosing in Atrial Fibrillation

Inmaculada Hernandez, Yuting Zhang, Samir Saba, University Pittsburgh, Pittsburgh, PA

MP78 Long-term Antibiotic Use and Risks of All-Cause and Cause-Specific Mortality among Women: Prospective Cohort Study

Yoriko Heianza, Dept of Epidemiology, Sch of Public Health and Tropical Med, Tulane Univ, New Orleans, LA; Wenjie Ma, Dept of Epidemiology, Harvard T. H. Chan Sch of Public Health, Boston, MA; Yin Cao, Andrew T. Chan, Clinical and Translational Epidemiology Unit, Massachusetts General Hosp and Harvard Medical Sch, Boston, MA; Eric B. Rimm, Frank B. Hu, Dept of Epidemiology and Nutrition, Harvard T.H. Chan Sch of Public Health, Boston, MA; Kathryn M. Rexrode, Div of Preventive Med and Women's Health, Dept of Med, Brigham and Women's Hosp and Harvard Medical Sch, Boston, MA; JoAnn E. Manson, Dept of Epidemiology, Harvard T. H. Chan Sch of Public Health; Div of Preventive Med, Dept of Med, Brigham and Women's Hosp and Harvard Medical Sch, Boston, MA; Lu Qi, Dept of Nutrition, Harvard T. H. Chan Sch of Public Health, Boston, MA; Dept of Epidemiology, Sch of Public Health and Tropical Med, Tulane Univ, New Orleans, LA

Poster Presentations

2020 Goals

P001 LGB Health Disparities: Examining the Status of Ideal Cardiovascular Health From the 2011-2012 NHANES Survey

Anshul Saxena, Muni Rubens, Sankalp Das, Tanuja Rajan, Gowtham Grandhi, Lara Arias, Khurram Nasir, Emir Veledar, Baptist Health South Florida, Coral Gables, FL

P004 Higher Socioeconomic Position Strengthens Intergenerational Transmission of Ideal Health Behaviors

Kaisla Komulainen, Univ of Helsinki, Helsinki, Finland; Murray Mittleman, Harvard Univ, Boston, MA; Markus Jokela, Marko Elovainio, Univ of Helsinki, Helsinki, Finland; Tomi Laitinen, Katja Pahkala, Markus Juonala, Univ of Turku, Turku, Finland; Mika Kähönen, Univ of Tampere, Tampere, Finland; Olli Raitakari, Univ of Turku, Turku, Finland; Liisa Keltikangas-Järvinen, Laura Pulkki-Råback, Univ of Helsinki, Helsinki, Finland

Aging and Elderly

P005 Aspirin Use and Dementia: The Atherosclerosis Risk in Communities (ARIC) Study

Aozhou Wu, A. Richey Sharrett, Rebecca F. Gottesman, Johns Hopkins Univ, Baltimore, MD; Melinda C. Power, George Washington Univ, Washington, DC; Alden L. Gross, Johns Hopkins Univ, Baltimore, MD; Thomas Mosley, Univ of Mississippi Medical Ctr, Jackson, MS; Andreea M. Rawlings, Andrea L.C. Schneider, Richa Sharma, Josef Coresh, Johns Hopkins Univ, Baltimore, MD

P006 Cardiovascular Disease Risk Factor Burden is Associated With Hearing Loss in Young Men: The Hispanic Community Health Study/Study of Latinos

Rachael R. Baiduc, Univ of Colorado - Boulder, Boulder, CO; Brittany Bogle, Franklyn Gonzalez II, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Elizabeth Dinces, Albert Einstein Coll of Med, New York, NY; David J. Lee, Univ of Miami, Miami, FL; Martha Daviglius, Univ of Illinois at Chicago, Chicago, IL; Sumitrajit Dhar, Northwestern Univ, Evanston, IL; Jianwen Cai, Univ of North Carolina at Chapel Hill, Chapel Hill, NC

P007 Arterial Stiffness is Associated With Increased Risk of Incident Dementia in the Older Elderly: The Cardiovascular Health Study Cognition Study

Chendi Cui, Akira Sekikawa, Lewis Kuller, Oscar Lopez, Anne Newman, Allison Kuipers, Rachel Mackey, Univ of Pittsburgh, Pittsburgh, PA

P008 Have Trends in Preventable Hospitalizations Related to Hypertension Decreased Among Elderly Americans? Results From National Inpatient Sample, 2005-2014

Anshul Saxena, Muni Rubens, Sankalp Das, Lara Arias, Emir Veledar, Khurram Nasir, Baptist Health South Florida, Coral Gables, FL

P009 Association of MRI Signs With Development of Mild Cognitive Impairment and Dementia: The Atherosclerosis Risk in Communities (ARIC) Study

Aozhou Wu, A. Richey Sharrett, Rebecca F. Gottesman, Johns Hopkins Univ, Baltimore, MD; Melinda C. Power, George Washington Univ, Washington, DC; Thomas Mosley, Univ of

Poster Presentations (continued)

Mississippi Medical Ctr, Jackson, MS; Clifford R. Jack Jr, David S. Knopman, Mayo Clinic, Rochester, MN; B. Gwen Windham, Univ of Mississippi Medical Ctr, Jackson, MS; Alden L. Gross, Josef Coresh, Johns Hopkins Univ, Baltimore, MD

P010 Mid-life Vitamin D Levels and Later Life Performance on Neuropsychological Testing: The Atherosclerosis Risk in Communities (ARIC) Study

Oluwaseun E. Fashanu, Johns Hopkins Sch of Med, Baltimore, MD; Di Zhao, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Andrea L. Schneider, Johns Hopkins Sch of Med, Baltimore, MD; Andreea M. Rawlings, Richey A. Sharrett, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Pamela L. Lutsey, Univ of Minnesota Sch of Public Health, Minneapolis, MN; Rebecca F. Gottesman, Johns Hopkins Sch of Med, Baltimore, MD; Alden L. Gross, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Eliseo Guallar, Johns Hopkins Sch of Med, Baltimore, MD; Alvaro Alonso, Emory Univ Rollins Sch of Public Health, Atlanta, GA; Thomas H. Mosley, Univ of Mississippi Medical Ctr, Jackson, MS; Erin D. Michos, Johns Hopkins Sch of Med, Baltimore, MD

P011 Cardiovascular Risk Factors and Longevity
Michelle C. Odden, Andreea Rawlings, Oregon State Univ, Corvallis, OR; Alice Arnold, Univ of Washington, Seattle, WA; Mary Cushman, Univ of Vermont, Burlington, VT; Mary Lou Biggs, Bruce Psaty, Univ of Washington, Seattle, WA; Anne Newman, Univ of Pittsburgh, Pittsburgh, PA

P012 The Effect of Vitamin D Supplementation on Epigenetic Aging: A Randomized Placebo-Controlled Clinical Trial

Li Chen, Yanbin Dong, Jigar Bhagatwala, Anas Raed, Ying Huang, Haidong Zhu, Augusta Univ, Augusta, GA

P013 Elevated Resting Heart Rate in Mid-Life is Associated With Cognitive Change Over 20-years: The Atherosclerosis Risk in Communities (ARIC) Study

Stephanie Z. Wang, Dept of Med, Johns Hopkins Sch of Med, Baltimore, MD; Oluwaseun E. Fashanu, Ciccarone Ctr for the Prevention of Heart Disease, Johns Hopkins Sch of Med, Baltimore, MD; Di Zhao, Eliseo Guallar, Ciccarone Ctr for the Prevention of Heart Disease, Johns Hopkins Sch of Med; Dept of Epidemiology, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Rebecca F. Gottesman, Andrea L. Schneider, Dept of Neurology, Johns Hopkins Sch of Med, Baltimore, MD; John William McEvoy, Ciccarone Ctr for the Prevention of Heart Disease, Johns Hopkins Sch of Med, Baltimore, MD; Faye L. Norby, Div of Epidemiology and Community Health, Sch of

Public Health, Univ of Minnesota, Minneapolis, MN; Alvaro Alonso, Dept of Epidemiology, Rollins Sch of Public Health, Emory Univ, Atlanta, GA; Amer I. Aladin, Dept of Cardiology, Wake Forest Univ Baptist Health, Winston Salem, NC; Erin D. Michos, Ciccarone Ctr for the Prevention of Heart Disease, Johns Hopkins Sch of Med; Dept of Epidemiology, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD

P014 Associations of Depression, and Perceived Stress With Telomere Length in African Americans: The Minority Health Genomics and Translational Research Bio-Repository Database Study

Rumana J. Khan, NIH, Bethesda, MD

P015 Objectively Measured Step Counts Was Independently Associated With Higher Cognition in Apparently Healthy Japanese Men

Takeshi Shibukawa, **Akira Fujiyoshi**, Katsuyuki Miura, Naoko Miyagawa, Yoshino Saito, Maryam Zaid, Shiga Univ of Medical Science, Otsu, Shiga, Japan; Takashi Hisamatsu, Shimane Univ, Shimane, Japan; Takayoshi Ohkubo, Teikyo Univ, Tokyo, Japan; Hisatomi Arima, Fukuoka Univ, Fukuoka, Japan; Ikuo Tooyama, Hirosugu Ueshima, Shiga Univ of Medical Science, Otsu, Shiga, Japan; the SESSA Research Group

P016 Physical Activity as Key Risk Factors for Incident Dementia in a Thai Population: Health Checks Upon Ratchathani (HCUR) Study

Parinya Chamnan, Sanpasitthiprasong Hosp, Ubon Ratchathani, Thailand; Prasert Boongird, Somsak Laptikultham, Dementia Association of Thailand, Bangkok, Thailand; Wanee Nitiyanont, Div of Endocrine & Metabolism, Dept of Med, Siriraj Hosp, Bangkok, Thailand; Wichai Aekplakorn, Dept of Community Med, Ramathobodi Hosp, Bangkok, Thailand; HCUR Investigators

P017 Childhood Food Insufficiency and Adulthood Cardiometabolic Health Among a Population-based Sample of Elderly Adults in Puerto Rico

Amanda C. McClain, Harvard Univ, New Haven, CT; Josiemer Mattei, Harvard Univ, Boston, MA

Arrhythmia / Sudden Death

P018 Poincare Plot Asymmetry is Associated With Sudden Cardiac Death in the Community: The Atherosclerosis Risk in Community Study

Aron Bender, Muammar Kabir, Jason Thomas, David German, Srin Mukundan, Christopher Hamilton, Oregon Health and Science University, Portland, OR; Nona Sotoodehnia, Univ of Washington, Seattle, WA; Wendy Post, Johns Hopkins, Baltimore, MD; Scott Solomon, Brigham and Women's Hosp, Boston, MA; Elsayed Soliman, Wake Forest Univ, Wake Forest, NC; David Siscovick, New York Acad of Med, New York, NY; Larisa Tereshchenko, Oregon Health and Science University, Portland, OR

Poster Presentations (continued)

- P019 Insulin Resistance Indexes and Lower Heart Rate Variability in Older Adults: The Atherosclerosis Risk in Communities Study (ARIC)**
Anna K. Poon, Eric Whitsel, Gerardo Heiss, University of North Carolina at Chapel Hill, Chapel Hill, NC; Elsayed Soliman, Lynne Wagenknecht, Wake Forest School of Medicine, Winston-Salem, NC; Takeki Suzuki, University of Mississippi Medical Center, Jackson, MS; Laura Loehr, University of North Carolina at Chapel Hill, Chapel Hill, NC
- P020 Atrial Fibrillation and White Matter Microstructural Integrity: The Atherosclerosis Risk in Communities Neurocognitive Study**
Iris Yuefan Shao, Emory Univ, Atlanta, GA; Melinda Power, George Washington Univ, Washington, DC; Thomas Mosley, Univ of Mississippi, Jackson, MS; Rebecca Gottesman, Johns Hopkins Univ, Baltimore, MD; Lin Chen, Faye Norby, Univ of Minnesota, Minneapolis, MN; Elsayed Soliman, Wake Forest Sch of Med, Winston-Salem, NC; Alvaro Alonso, Emory Univ, Atlanta, GA
- P021 Oral Anticoagulant Use and Risk of Incident Dementia in Persons With Atrial Fibrillation**
Nemin Chen, Emory Univ, Atlanta, GA; Richard F. MacLehose, Lin Y. Chen, Faye L. Norby, Univ of Minnesota, Minneapolis, MN; Lindsay G. Bengtson, Optum, Eden Prairie, MN; Wesley T. O'Neal, Emory Univ, Atlanta, GA; Alanna M. Chamberlain, Mayo Clinic, Rochester, MN; J'Neka S. Claxton, Emory Univ, Atlanta, GA; Pamela L. Lutsey, Univ of Minnesota, Minneapolis, MN; Alvaro Alonso, Emory Univ, Atlanta, GA
- P022 The Association of Sleep Apnea With Atrial Fibrillation and Ectopy Using Ambulatory Electrocardiogram in the Atherosclerosis Risk in Communities (ARIC) Study**
Kapuaola S. Gellert, Univ of North Carolina, Chapel Hill, NC; Alvaro Alonso, Emory Univ, Atlanta, GA; Lin Y. Chen, Univ of Minnesota, Minneapolis, MN; Michelle L. Meyer, Univ of North Carolina, Chapel Hill, NC; Elsayed Z. Soliman, Wake Forest Sch of Med, Winston-Salem, NC; Takeki Suzuki, Univ of Mississippi Medical Ctr, Jackson, MS; Laura Loehr, Univ of North Carolina, Chapel Hill, NC
- P023 Lifetime Risk of Atrial Fibrillation by Race and Socioeconomic Status: The Atherosclerosis Risk in Communities (ARIC) Study**
Liping Mou, Georgia State Univ, Atlanta, GA; Faye Norby, Lin Chen, Univ of Minnesota, Minneapolis, MN; Wesley O'Neal, Tene Lewis, Emory Univ, Atlanta, GA; Laura Loehr, Univ of North Carolina, Chapel Hill, NC; Elsayed Soliman, Wake Forest Univ, Winston-Salem, NC; **Alvaro Alonso**, Emory Univ, Atlanta, GA
- P024 Nonsustained Ventricular Tachycardia is Independently Associated With Lower Cognitive Function: The Atherosclerosis Risk in Communities (ARIC) Study**
Faye L. Norby, Univ of Minnesota, Minneapolis, MN; Alvaro Alonso, Emory Univ, Atlanta, GA; Mary R. Rooney, Ankit Maheshwari, Ryan J. Koene, Univ of Minnesota, Minneapolis, MN; Elsayed Z. Soliman, Wake Forest Univ, Winston-Salem, NC; Laura R. Loehr, Univ of North Carolina, Chapel Hill, NC; Thomas H. Mosley, Univ of Mississippi, Jackson, MS; Josef Coresh, Johns Hopkins Univ, Baltimore, MD; Lin Y. Chen, Univ of Minnesota, Minneapolis, MN
- P025 Left Atrial Dilatation Predicts The Incidence of Persistent Atrial Fibrillation In Japanese General Population; The Suita Study**
Aya Higashiyama, Makoto Watanabe, Yoshihiro Kokubo, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Tomonori Okamura, Keio Univ, Tokyo, Japan; Akira Okayama, Res Inst of Strategy for Prevention, Tokyo, Japan; Yoshihiro Miyamoto, Natl Cerebral and Cardiovascular Ctr, Suita, Japan
- P026 Early Repolarization Pattern is Associated With Increased Left Ventricular Mass and Left Ventricular Hypertrophy: Results From the Dallas Heart Study**
David A. McNamara, Ari Bennett, Jarett D. Berry, Mark S. Link, UT Southwestern Medical Ctr, Dallas, TX
- P027 Time-updated Premature Ventricular Contractions on 12-lead ECG Are Associated With the Risk of Sudden Cardiac Death: Atherosclerosis Risk in Communities Study and Cardiovascular Health Study**
Abhishek Maan, Brown Univ, Providence, RI; David M. German, Aron Bender, Srinivasa V. Mukundan, Oregon Health and Science Univ, Portland, OR; Colleen Sitlani, Univ of Washington, Seattle, WA; Jason Thomas, Christopher Hamilton, Oregon Health and Science Univ, Portland, OR; Wendy Post, Johns Hopkins Univ Sch of Med, Baltimore, MD; Tor Biering-Sørensen, Scott Solomon, Brigham and Women's Hosp, Boston, MA; Elsayed Z. Soliman, Wake Forest Sch of Med, Winston Salem, NC; Nona Sotoodehnia, Univ of Washington, Seattle, WA; David S. Siscovick, The New York Acad of Med, New York, NY; **Larisa G. Tereshchenko**, Oregon Health and Science Univ, Portland, OR
- P028 High Framingham General Cardiovascular Disease Risk Scores in Victims of Out of Hospital Sudden Death**
Kyaw Khant, Mojtaba Mirzaei, Golsa Joodi, Dept of Cardiology, UNC Sch of Med, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Brittany M. Bogle, Dept of Epidemiology, Gillings Global Sch of Public Health, Univ of North

Poster Presentations (continued)

Carolina at Chapel Hill, Chapel Hill, NC; Jessica P. Flowers, Dept of Cardiology, UNC Sch of Med, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Samip M. Patel, Dept of Nutrition, Gillings Global Sch of Public Health, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Feng-Chang Lin, Dept of Biostatistics, Gillings Sch of Global Public Health, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Ross J. Simpson Jr., Dept of Cardiology, UNC Sch of Med, Univ of North Carolina at Chapel Hill, Chapel Hill, NC

P029 Racial Differences in Sudden Cardiac Death: Findings From the Atherosclerosis Risk in Communities Study (ARIC)

Di Zhao, Eliseo Guallar, Elena Blasco-Colmenares, Johns Hopkins Univ, Baltimore, MD; Nona Sotoodehnia, Univ of Washington, Seattle, WA; Wendy Post, Johns Hopkins Univ Sch of Med, Baltimore, MD

Behavioral and Lifestyle Intervention Trials

P030 A Weight Loss Intervention Using a Commercial Mobile Application in Latino Americans - Adelgaza Trial

Yoshimi Fukuoka, Eric Vittinghoff, Julie Hooper, Univ of California, San Francisco, San Francisco, CA

P031 Effect of Exercise on Function and Differentiation of Adipose Tissue Derived Mesenchymal Stromal Cells (MSCs)

Nabanita Kundu, Cleyton Domingues, Peter Kokkinos, Eric Nylen, **Sabyasachi Sen**, George Washington Univ, Washington, DC

P032 Feasibility, Safety and Efficacy of a Modified Dietary Approaches to Stop Hypertension Diet for Japanese Population

Naoko Miyagawa, Shiga Univ of Medical Science, Otsu, Japan; Hisatomi Arima, Fukuoka Univ, Fukuoka, Japan; Katsushi Yoshita, Osaka City Univ Graduate Sch of Human Life Science, Osaka, Japan; Nagako Okuda, Univ of Human Arts and Sciences, Saitama, Japan; Takayoshi Ohkubo, Teikyo Univ Sch of Med, Itabashi, Japan; Takashi Hisamatsu, Shimane Univ, Izumo, Japan; Keiko Kondo, Katsuyuki Miura, Shiga Univ of Medical Science, Otsu, Japan

P033 Impact of Empathetic Touch Therapy on Reducing Feelings of Stress, Anxiety, Pain and Depression

Donna Arz, Forgotten Soldier Program, Auburn, CA; Michael McClain, Kathy Quach, Univ of the Pacific, Stockton, CA; Joseph Sky, David Grant USAF Medical Ctr, Travis, CA; David Steinhorn, PANDA Palliative Care Program, Washington, DC; **Sachin A. Shah**, Univ of the Pacific, Stockton, CA

P034 The Effectiveness of 12-week Tai Chi Training on the Migraine Attack Days, Body Composition, and Blood Pressure in Chinese Women With Episodic Migraine: A Randomized Controlled Trial

Yao Jie Xie, The Hong Kong Polytechnic Univ, Hong Kong, Hong Kong; Stanley Sai-chuen Hui, Suzanne C. Ho, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong; Lorna Kwai Ping Suen, The Hong Kong Polytechnic Univ, Hong Kong, Hong Kong

P035 Feasibility of Stretching Exercise for Prevention of Late-Onset Preeclampsia: A Pilot Trial

Melissa C. Caughey, Joyce S. Cho, Ya-Ke Wu, W. Brant Nix, SeonAe Yeo, Univ of North Carolina, Chapel Hill, NC

P036 Effects of Exercise Training and Increasing Non-Exercise Physical Activity on Lipoprotein Subclass and Size: Results From the I-CAN Study

Damon L. Swift, East Carolina Univ, Greenville, NC; Mark A. Sarzynski, Univ of South Carolina, Columbia, SC; Joshua McGee, Savanna Barefoot, Patricia M. Brophy, Tyara Nevels, East Carolina Univ, Greenville, NC; Lesley Lutes, Univ of British Columbia, Kelowna, BC, Canada; Joseph Houmard, East Carolina Univ, Greenville, NC

P037 Community Lifestyle Intervention Decreases Risk of Suicide and Improves Overall Lifestyle

Francisco E. Ramirez, Neil Nedley, Nedley Clinic, Colfax, CA

Biomarkers

P038 The Association Between Thyroid Function and Cardiac Structure and Function in Older Adults: The Atherosclerosis Risk in Communities (ARIC) Study

Georgina Gyarmati, Johns Hopkins Univ, Baltimore, MD; Yuan Chen, Columbia Univ, New York, NY; John W. McEvoy, Seth Martin, Johns Hopkins Univ, Baltimore, MD; Anna Kottgen, Albert-Ludwigs-Univ Freiburg, Inst of Genetic Epidemiology, Freiburg, Germany; Amil M. Shah, Scott Solomon, Brigham and Women's Hosp, Boston, MA; Josef Coresh, Elizabeth Selvin, **Kunihiro Matsushita**, Johns Hopkins Univ, Baltimore, MD

P039 Longitudinal Measures of Serial Plasma Phospholipid De Novo Lipogenesis Fatty Acids and Incident Congestive Heart Failure in Older Adults: The Cardiovascular Health Study

Yujin Lee, Heidi T.M. Lai, Tufts Univ, Boston, MA; Marcia C de Oliveira Otto, Univ of Texas Health Science Ctr, Houston, TX; Rozenn N. Lemaitre, Univ of Washington, Seattle, WA; Xiaoling Song, Fred Hutchinson Cancer Res Ctr, Seattle, WA; David S. Siscovick, The New York Acad of Med, New York City, NY; Dariush Mozaffarian, Tufts Univ, Boston, MA

Poster Presentations (continued)

- P040 GlycA, a Novel Inflammatory Marker, and Subclinical Coronary Atherosclerosis in the Multicenter AIDS Cohort Study (MACS)**
Oluwaseun E. Fashanu, Johns Hopkins Sch of Med, Baltimore, MD; Martin Tibuakuu, St. Luke's Hosp, Chesterfield, MO; Di Zhao, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD; James D. Otvos, LabCorp, Morrisville, NC; Todd T. Brown, Johns Hopkins Sch of Med, Baltimore, MD; Sabina A. Haberlen, Eliseo Guallar, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD; Matthew J. Budoff, Los Angeles Biomedical Res Inst-Harbor-UCLA, Los Angeles, CA; Frank J. Palella Jr, Northwestern Univ Feinberg Sch of Med, Chicago, IL; Jeremy J. Martinson, Univ of Pittsburgh, Pittsburgh, PA; Akintunde O. Akinkuolie, Samia Mora, Brigham and Womens' Hosp, Harvard Medical Sch, Boston, MA; Wendy S. Post, Erin D. Michos, Johns Hopkins Sch of Med, Baltimore, MD
- P041 Serum Magnesium and the Incidence of Coronary Heart Disease Over 20 Years of Follow-up: The Atherosclerosis Risk in Communities (ARIC) Study**
Mary R. Rooney, Jeffrey R. Misialek, Univ of Minnesota Twin-Cities, Minneapolis, MN; Alvaro Alonso, Emory Univ, Atlanta, GA; Aaron R. Folsom, Univ of Minnesota Twin-Cities, Minneapolis, MN; Erin D. Michos, Casey M. Rebholz, Johns Hopkins Univ, Baltimore, MD; Lin Y. Chen, Pamela L. Lutsey, Univ of Minnesota Twin-Cities, Minneapolis, MN
- P042 Association of Epigenetic Age Acceleration and Adverse Cardiac Mechanics: The Coronary Artery Risk Development in Young Adults (CARDIA) Study**
Sadiya S. Khan, Tao Gao, Yinan Zheng, Laura A. Colangelo, Brian Joyce, Norrina B. Allen, Sanjiv J. Shah, Lei Liu, Wei Zhang, Jun Wang, Joao Lima, Phillip Greenland, Donald M. Lloyd-Jones, Lifang Hou, Northwestern Univ, Chicago, IL
- P043 Erythrocyte Long-Chain Omega-3 Fatty Acid Levels Are Inversely Associated With Mortality and With and Incident Cardiovascular Disease: The Framingham Heart Study**
William S. Harris, OmegaQuant, LLC, Sioux Falls, SD; Nathan Tintle, Dordt Coll, Sioux Center, IA; Mark R. Etherton, Harvard Medical Sch, Boston, MA; Ramachandran S. Vasan, Boston Univ, Boston, MA
- P044 Plasma Phospholipid Very Long Chain Saturated Fatty Acids and Healthy Aging in Older Adults: The Cardiovascular Health Study**
Rozenn N. Lemaitre, Mary L. Biggs, Barbara McKnight, Univ of Washington, Seattle, WA; Heidi T. Lai, Tufts Univ, Boston, MA; Xiaoling Song, Univ of Washington, Seattle, WA; Irena B. King, Univ of New Mexico, Albuquerque, NM; Bruce M. Psaty, Univ of Washington, Seattle, WA; David S. Siscovick, New York Acad of Med, New York, NY; Dariush Mozaffarian, Tufts Univ, Boston, MA
- P045 Trajectory of Fasting Blood Glucose From Childhood to Adulthood and the Risk of Hypertension: The Bogalusa Heart Study**
Xiang Li, Tulane Univ, New Orleans, LA
- P046 Sex Hormone Levels and 10-Year Change in N-Terminal Pro-Brain Natriuretic Peptide Among Men and Post-Menopausal Women: The Multi-Ethnic Study of Atherosclerosis (MESA)**
Wendy Ying, Johns Hopkins Univ Sch of Med, Baltimore, MD; Di Zhao, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD; Pamela Ouyang, Dhananjay Vaidya, Chiadi E. Ndumele, Kavita Sharma, Vinita Subramanya, Johns Hopkins Univ Sch of Med, Baltimore, MD; Eliseo Guallar, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD; Susan R. Heckbert, Univ of Washington, Seattle, WA; Joao A. Lima, Johns Hopkins Univ Sch of Med, Baltimore, MD; Christopher R. deFilippi, Inova Heart and Vascular Inst, Falls Church, VA; Matthew J. Budoff, David Geffen Sch of Med at UCLA, Los Angeles, CA; Wendy S. Post, Erin D. Michos, Johns Hopkins Univ Sch of Med, Baltimore, MD
- P047 Ideal Cardiovascular Health Score and Oxidative Stress**
Heval Mohamed Kelli, Chang Liu, Ayman Samman-Tahhan, Talal Alghamdi, Yi-An Ko, Fahad Choudhary, Vanessa Engineer, Muhammad Hammadah, Pratik Sandesara, Ibhaz Al Mheid, Wesley O'Neal, Viola Vaccarino, Thomas Ziegler, Laurence Sperling, Michelle Lampl, Kenneth Brigham, Greg Martin, Arshed Quyyumi, Emory Univ, Atlanta, GA
- P048 Segment-Specific Pulse Wave Velocity and Subclinical Cardiac Overload and Damage in Older Adults: The Atherosclerosis Risk in Communities (ARIC) Study**
Shuiqing Liu, **Esther Kim**, Aozhou Wu, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Michelle L. Meyer, Univ of North Carolina Gillings Sch of Global Public Health, Chapel Hill, NC; Susan Cheng, Brigham and Women's Hosp, Boston, MA; Ron C Hoogeveen, Christie M Ballantyne, Baylor Coll of Med, Houston, TX; Hirofumi Tanaka, Univ of Texas at Austin, Austin, TX; Gerardo Heiss, Univ of North Carolina Gillings Sch of Global Public Health, Chapel Hill, NC; Elizabeth Selvin, Kunihiro Matsushita, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD

Poster Presentations (continued)

- P049 Serum Uric Acid Levels Are Associated With Non-Calcified Coronary Plaque Independent of Traditional Cardiovascular Risk Factors in Patients With Psoriasis**
Youssef A. Elnabawi, Amit K. Dey, Agastya D. Belur, Aditya Goyal, Jacob W Groenendyk, Jonathan Chung, Justin Rodante, Aditya A. Joshi, Martin P. Playford, Nehal N. Mehta, NIH, Bethesda, MD
- P050 Correlates of Serum Cortisol and its Prognostic Value in the Community**
Justin B. Echouffo Tcheugui, Brigham and Women's Hosp, Boston, MA; Meghan I. Short, Boston Univ, Boston, MA; Solomon K. Musani, Univ of Mississippi Medical Ctr, Jackson, MS; Vanessa Xanthakis, Ramachandran S. Vasan, Boston Univ, Boston, MA
- P051 Circulating Beta-2-microglobulin Predicts Cardiovascular, Cancer, and All-cause Mortality: The Framingham Heart Study**
Shih-Jen Hwang, Joshua Keefe, Michael Mendelson, Paul Courchesne, Framingham Heart Study, Framingham, MA; Jennifer Ho, Massachusetts General Hosp, Boston, MA; Martin G. Larson, Asya Lyass, Chen Yao, Tianxiao Huan, Daniel Levy, Framingham Heart Study, Framingham, MA
- P052 Circulating Natural Killer Cells and Subclinical Cardiovascular Disease in the Multi-Ethnic Study of Atherosclerosis(MESA)**
Nancy Swords Jenny, Nels C. Olson, Alicia M. Ellis, Margaret F. Doyle, Sally A. Huber, Univ of Vermont Coll of Med, Colchester, VT; Richard A. Kronmal, Bruce M. Psaty, Univ of Washington, Seattle, WA; Russell P. Tracy, Univ of Vermont Coll of Med, Colchester, VT
- P053 Cardiovascular Health is Associated With Incidence of Elevated C-Reactive Protein Over 18 Years of Follow-up: The Coronary Artery Risk Development in Young Adults Study**
Jonathan J. Ruiz-Ramie, Jacob L. Barber, Univ of South Carolina, Columbia, SC; Donald M. Lloyd-Jones, Northwestern Univ, Chicago, IL; Abbi D. Lane-Cordova, Univ of South Carolina, Columbia, SC; Myron Gross, Univ of Minnesota, Minneapolis, MN; Jamal S. Rana, Stephen Sidney, Div of Res, Kaiser Permanente, Oakland, CA; David R. Jacobs, Univ of Minnesota, Minneapolis, MN; Mark A. Sarzynski, Univ of South Carolina, Columbia, SC
- P054 Endogenous Sex Hormone Levels and Endothelial Function Among Men and Post-Menopausal Women in the Multi-Ethnic Study of Atherosclerosis (MESA)**
Lena Mathews, Vinita Subramanya, Johns Hopkins Sch of Med, Baltimore, MD; Di Zhao, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Pamela Ouyang, Johns Hopkins Sch of Med, Baltimore, MD; Dhanajay Vaidya, Eliseo Guallar, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Joseph Yeboah, David Herrington, Wake Forest Sch of Med, Winston-Salem, NC; Matthew J. Budoff, Los Angeles Biomedical Res Inst, Torrance, CA; Allison G. Hays, Erin D. Michos, Johns Hopkins Sch of Med, Baltimore, MD
- P055 Methylation Levels at Growth Differentiation Factor- 15 Related CpG Sites Are Not Related to Death Risk From Cardiovascular Disease Among Monozygotic Male Twins Discordant for Cardiovascular Disease: National Heart, Lung, and Blood Institute Twin Study**
Pallavi Mukherji, Ming Leung, Des Moines Univ, Des Moines, IA; Wael El- Rifai, Vanderbilt Medical Ctr and Vanderbilt- Ingram Cancer Ctr, Nashville, TN; Ruth Krasnow, Ctr for Health Sciences, Menlo Park, CA; Terry Reed, Indiana Univ Sch of Med, Indianapolis, IN; Jun Dai, Des Moines Univ, Des Moines, IA

Diabetes

- P056 Prognostic Cut-Points of Prediabetic Plasma Glucose and HbA1c Values in Predicting Cardiovascular Disease Morbidity and Mortality: A Systematic Review and Meta-Analysis**
Minxuan Huang, Unjali Gujral, Siran He, Lisa Staimetz, Ram Jagannathan, Emory Univ, Atlanta, GA; Jingkai Wei, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Venkat Narayan, Emory Univ, Atlanta, GA
- P057 The Association Between Diabetes and Risk of Abdominal Aortic Aneurysm: A Meta-Analysis**
Lu Yao, Aaron Folsom, Univ of Minnesota, Minneapolis, MN; Alvaro Alonso, Emory Univ, Atlanta, GA; James Pankow, Weihua Guan, Weihong Tang, Univ of Minnesota, Minneapolis, MN
- P058 Diabetes, Frequency of Exercise, and Mortality Over 12 Years**
Hyeon Chang Kim, Yonsei Univ, Seoul, Korea, Republic of; Woo Young Shin, Natl Inst of Food and Drug Safety Evaluation, Cheongju, Korea, Republic of; Taehee Lee, Da-Hye Jeon, Yonsei Univ, Seoul, Korea, Republic of
- P059 Utilizing Electronic Health Records to Evaluate Racial Disparities in Metabolic Syndrome**
Denise Danos, LSU Health Science Ctr SPH, New Orleans, LA; Maura Kepper, LSU Pennington Biomedical Ctr, Baton Rouge, LA; Tekeda Ferguson, Claudia Leonardi, Richard Scribner, LSU Health Science Ctr SPH, New Orleans, LA
- P060 Poorer Lung Function Associated With Higher Risk of Type II Diabetes (DM) Among Chinese Adults With Silicosis**
Ho Yu Cheng, Sek Ying Chair, Janet Wing Hung

Poster Presentations (continued)

- Sit, Kai Chow Choi, Chinese Univ of Hong Kong, Hong Kong SAR, China
- P061** **Determinants of Incident Metabolic Syndrome and Type 2 Diabetes in Normal Weight: The Jackson Heart Study**
Morgana Mongraw-Chaffin, Santiago Saldana, Wake Forest Sch of Med, Winston Salem, NC; Mercedes R. Carnethon, Northwestern Univ Feinberg Sch of Med, Chicago, IL; Haiying Chen, Wake Forest Sch of Med, Winston Salem, NC; Valery S. Effoe, Morehouse Sch of Med, Atlanta, GA; Sherita Hill Golden, Johns Hopkins Univ Sch of Med, Baltimore, MD; Joshua J. Joseph, The Ohio State Univ Wexner Medical Ctr, Columbus, OH; Rita R. Kalyani, Johns Hopkins Univ Sch of Med, Baltimore, MD; Arnita Norwood, Univ of Mississippi Medical Ctr, Jackson, MS; Alain G. Bertoni, Wake Forest Sch of Med, Winston Salem, NC
- P062** **The Impact of High Fasting Plasma Glucose on Cardiovascular Health at the State-level in the United States**
Kanyin Ong, Ashkan Afshin, IHME, Seattle, WA
- P063** **The Association Between Physical Activity and Fasting and 2-Hour Glucose in US Adults: NHANES 2013-2014**
Joshua R. Sparks, Xuewen F. Wang, Univ of South Carolina-Columbia, Columbia, SC
- P064** **Progression From Prediabetes to Diabetes in Hispanics/Latinos. Results From the Hispanic Community Health Study / Study of Latinos (HCHS/SOL)**
Francisco J. Pasquel, Emory Univ, Atlanta, GA; Matthew Shane Loop, Univ of North Carolina, Chapel Hill, NC; Andy Menke, Social & Scientific Systems, Silver Spring, MD; Matthew J. O'Brien, Northwestern Univ, Chicago, IL; Denise C. Vidot, Univ of Miami, Miami, FL; Daniela Sotres-Alvarez, Univ of North Carolina, Chapel Hill, NC; Leonor Corsino, Duke Univ, Durham, NC; Gregory A. Talavera, Linda C. Gallo, San Diego State Univ, San Diego, CA; Robert C. Kaplan, Albert Einstein Coll of Med, Bronx, NY; Neil Schneiderman, Univ of Miami, Miami, FL; Martha L. Daviglius, Univ of Illinois at Chicago, Chicago, IL; Catherine C. Cowie, Natl Inst of Diabetes and Digestive and Kidney Diseases, Natl Insts of Health, Bethesda, MD; Larissa Aviles-Santa, Natl Heart, Lung, and Blood Inst, Natl Insts of Health, Bethesda, MD
- P065** **Lifetime Risk of Developing Type 2 Diabetes by Levels of Adiposity in the US Population**
Justin B. Echouffo Tcheugui, Brigham and Women's Hosp, Boston, MA; Michael P. Banks, Hongyan Hongyan Ning, Mercedes R. Canerthon, Northwestern Univ, Chicago, IL; Ramachandran S. Vasan, Boston Univ, Boston, MA; Donald J. Lloyd-Jones, John T. Wilkins, Northwestern Univ, Chicago, IL
- P066** **Diabetes Alters the Association Between High-Density Lipoprotein Subfractions and Carotid Intima-Media Thickness: The Brazilian Longitudinal Study of Adult Health (ELSA-Brasil)**
Giuliano Generoso, **Paulo A. Lotufo**, Raul D. Santos, Alessandra C Goulart, Itamar S. Santos, University of Sao Paulo, Sao Paulo, Brazil; Krishnaji Kulkarni, Atherotech, Birmingham, AL; Peter Toth, Univ of Illinois, Chicago, IL; Steven Jones, Michael J Blaha, Johns Hopkins Univ, Baltimore, MD; Isabela M. Bensenor, Marcio S. Bittencourt, University of Sao Paulo, Sao Paulo, Brazil
- P067** **Long-term Exposure to Ambient Air Pollution and Type 2 Diabetes Incidence: A Time Series Analysis**
Guozhang Xu, Ningbo Municipal Ctr for Disease Control and Prevention, Ningbo, China; Donghui Duan, Med Sch of Ningbo Univ, Ningbo, China; Dingyun You, Kunming Medical Univ, Kunming, China; Jiaying Xu, Dept of Epidemiology, Sch of Public Health and Tropical Med, Tulane Univ, New Orleans, LA; Xiaoqi Feng, Thomas Astell-Burt, Early Start, Faculty of Social Sciences, Univ of Wollongong, Wollongong, Australia; Tianfeng He, Ningbo Municipal Ctr for Disease Control and Prevention, Ningbo, China; Guodong Xu, Jinshun Zhao, Lina Zhang, Med Sch of Ningbo Univ, Ningbo, China; Hui Li, Ningbo Municipal Ctr for Disease Control and Prevention, Ningbo, China; Liyuan Han, Med Sch of Ningbo Univ, Ningbo, China
- P068** **A Genome-wide Association Study for Diabetic Nephropathy Genes in the Japanese Population: The J-MICC Study**
Yasuyuki Nakamura, Ryukoku Univ, Otsu, Japan; Akira Narita, Tohoku Univ, Sendai, Japan; Seiko Ohno, Naoyuki Takashima, Shiga Univ of Medical Science, Otsu, Japan; Kenji Wakai, Nagoya Univ, Nagoya, Japan; Hirotsugu Ueshima, Shiga Univ of Medical Science, Otsu, Japan
- P069** **Serum Uric Acid Trajectories and Type 2 Diabetes and Hypertension in Middle Age**
Hao Ma, Xuan Wang, Harbin Medical Univ, Harbin, China; Xiang Li, Tulane Univ, New Orleans, LA; Xiaoyu Guo, Harbin Medical Univ, Harbin, China; Lu Qi, Tulane Univ, New Orleans, LA; Ying Li, Harbin Medical Univ, Harbin, China
- P070** **Risk of All-cause Mortality in Women versus Men With Type 2 Diabetes: A Systematic Review and Meta-analysis**
Jiaying Xu, Tulane Univ, New Orleans, LA; Guodong Xu, Ningbo Univ, Ningbo, China; Donghui Duan, Tulane Univ, New Orleans, LA; Jinshun Zhao, Lina Zhang, Ningbo Univ, Ningbo, China; Liyuan Han, Tulane Univ, New Orleans, LA

Poster Presentations (continued)

- P071 Association of Baseline Depressive Symptoms With 6-Year Incidence of Diabetes in the Hispanic Community Health Study/ Study of Latinos**
Matthew J. O'Brien, Mercedes R. Carnethon, Frank J. Penedo, Northwestern Feinberg Sch of Med, Chicago, IL; Karen M. Tabb, Univ of Illinois, Urbana, IL; Sylvia Wassertheil-Smoller, Albert Einstein Coll of Med, Bronx, NY; Neil Schneiderman, Univ of Miami, Chicago, FL; Tasneem Khambaty, Maria M. Llabre, Marisa J. Perera, Univ of Miami, Miami, FL; Daniela Sotres-Alvarez, Univ of North Carolina Chapel Hill, Chapel Hill, NC; Linda C. Gallo, San Diego State Univ, San Diego, CA; Krista M. Perreira, Univ of North Carolina Chapel Hill, Chapel Hill, NC; Martha Daviglius, Univ of Illinois at Chicago, Chicago, IL
- P072 Circulating Phylloquinone Concentrations and Type 2 Diabetes Incidence: A Mendelian Randomization Study**
Sharon Remmelzwaal, **Sabine Zwakenberg**, University Medical Ctr Utrecht, Utrecht, Netherlands; Joline Beulens, VU Medical Ctr, Amsterdam, Netherlands; Edith Feskens, Wageningen Univ, Wageningen, Netherlands; Sarah Booth, Tufts Univ, Boston, MA; Hassan Dashti, Massachusetts General Hosp, Boston, MA; Yvonne van der Schouw, Ivonne Sluijs, University Medical Ctr Utrecht, Utrecht, Netherlands
- P073 Diabetes and All Cause and Cause-specific Mortality in 111,300 Mexican Women With Healthcare Coverage**
Susana Lozano-Esparza, Ruy Lopez-Ridaura, Eduardo Ortiz-Panozo, Clicerio González-Villalpando, Natl Inst of Public Health, Mexico City, Mexico; Carlos Aguilar-Salina, Natl Inst of Medical Science and Nutrition Salvador Zubiran, Mexico City, Mexico; Juan Eugenio Hernández-Ávila, Mauricio Hernández-Ávila, Martín Lajous, Natl Inst of Public Health, Mexico City, Mexico
- P074 Racial Differences in the Association Between Hemoglobin A1c and Hypoglycemic Events**
Mary E. Lacy, Univ of California, San Francisco, San Francisco, CA; Rachel A. Whitmer, Kaiser Permanente Div of Res, Oakland, CA; Mark J. Pletcher, Univ of California, San Francisco, San Francisco, CA
- P075 Adherence to a Healthy Lifestyle in Relation to Cardiovascular Disease Incidence and Mortality Among Adults With Type 2 Diabetes**
Gang Liu, Yanping Li, Yang Hu, Geng Zong, Shanshan Li, Eric B. Rimm, Frank B. Hu, JoAnn E. Manson, Kathryn M. Rexrode, Hyun Joon Shin, Qi Sun, Harvard T. H. Chan Sch of Public Health, Boston, MA
- P076 Genetic Predisposition to Hemoglobin A1c, Postpartum Weight Reduction, and Glycemic Changes: A Longitudinal Study in Women With Prior Gestational Diabetes**
Liyuan Han Jr., Dept of Epidemiology, New Orleans, LA; Huikun Liu, Tianjin Women's and Children's Health Ctr, Tianjin, China; Tiange Wang, Donghui Duan, Dept of Epidemiology, Sch of Public Health and Tropical Med, Tulane Univ, New Orleans, LA; Junhong Leng, Nan Li, Weiqin Li, Tianjin Women's and Children's Health Ctr, Tianjin, China; Dianjianyi Sun, Dept of Epidemiology, New Orleans, LA; Gang Hu, Pennington Biomedical Res Ctr, Baton Rouge, LA; Lu Qi, Dept of Epidemiology, New Orleans, LA
- P078 Gestational Weight Gain Modifies the Effect of the Circadian Rhythms Related MTNR1B Genotype on Postpartum Glycemic Changes: A Longitudinal Study in Women With Prior Gestational Diabetes**
Hoirun Nisa, Dept of Epidemiology, Sch of Public Health and Tropical Med, Tulane Univ, New Orleans, LA; Junhong Leng, Tianjin Women's and Children's Health Ctr, Tianjin, China; Tao Zhou, Dept of Epidemiology, Sch of Public Health and Tropical Med, Tulane Univ, New Orleans, LA; Huikun Liu, Weiqin Li, Leishen Wang, Nan Li, Tianjin Women's and Children's Health Ctr, Tianjin, China; Dianjianyi Sun, Xiang Li, Dept of Epidemiology, Sch of Public Health and Tropical Med, Tulane Univ, New Orleans, LA; Xiaoyun Shang, Children's Hosp New Orleans, New Orleans, LA; Gang Hu, Pennington Biomedical Res Ctr, Louisiana State Univ, Baton Rouge, LA; Lu Qi, Dept of Epidemiology, Sch of Public Health and Tropical Med, Tulane Univ, New Orleans, LA
- P079 Alcohol Consumption and Risk of Diabetes in the Atherosclerosis Risk in Communities (ARIC) Study**
Xintong He, Natalie Daya, Casey M. Rebholz, Mariana Lazo, Elizabeth Selvin, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD
- P080 Glucose Homeostasis, Diabetes, and Orthostatic Hypotension in a Community-based Population: The ARIC Study**
Stephen P. Juraschek, BIDMC-Harvard Medical Sch, Boston, MA; Natalie Daya, A. Richey Sharrett, Elizabeth Selvin, Johns Hopkins Univ, Baltimore, MD
- P081 Psychosocial Resources Are Protective of Diabetes Among African Americans in the Jackson Heart Study**
LáShauntá Glover, Univ of Mississippi Medical Ctr, Jackson, MS; Alain Bertoni, Wake Forest Univ Health Sciences, Winston-Salem, NC; Sherita Hill-Golden, Johns Hopkins Univ Sch of Med, Baltimore, MD; Peter Baltrus, Morehouse Sch of Med, Atlanta, GA; Yuan-I Min, Univ of Mississippi Medical Ctr, Jackson, MS; Mercedes

Poster Presentations (continued)

- Carnethon, Northwestern Univ, Chicago, IL; Herman Taylor, Morehouse Sch of Med, Chicago, IL; Mario Sims, Univ of Mississippi Medical Ctr, Jackson, MS
- P082 Prevalence and Trends in Dietary Supplement Use Among Diabetic Adults: The National Health and Nutrition Examination Surveys, 1999-2014**
Jing Li, Wambui Gathirua-Mwangi, Yiqing Song, Indiana Univ, Indianapolis, IN
- P083 Diabetes Sub-Phenotypes Determined by Nutritional, Environmental, and Inflammatory Biomarkers and All-Cause Mortality in US Adults: The Third National Health and Nutrition Examination Surveys, 1988-1994**
Jing Li, Yiqing Song, Indiana Univ, Indianapolis, IN
- P084 Food for Thought: Patient Perspectives on Medically Tailored Meal Delivery for Patients With Diabetes Who Experience Food Insecurity**
Naysha Shahid, Massachusetts General Hosp, Boston, MA; Jean Terranova, Community Servings, Inc, Boston, MA; Deborah J. Wexler, Seth A. Berkowitz, Massachusetts General Hosp, Boston, MA
- P085 Plasma Concentrations of Perfluoroalkyl Substances is Associated With Higher Type 2 Diabetes Risk In A Nested Case-control Study of American Women**
Qi Sun, Geng Zong, Damaskini Valvi, Harvard T. H. Chan Sch of Public Health, Boston, MA; Flemming Nielsen, Univ of Southern Denmark, Odense, Denmark; Brent Coull, Philippe Grandjean, Harvard T. H. Chan Sch of Public Health, Boston, MA
- P086 A Population-based Study of the Bidirectional Association Between Sleep Apnea and Diabetes in Three Prospective US Cohorts**
Tianyi Huang, Brigham and Women's Hosp, Boston, MA; Brian Lin, Massachusetts Eye and Ear Infirmary, Boston, MA; Meir Stampfer, Brigham and Women's Hosp, Boston, MA; Shelley Tworoger, H. Lee Moffitt Cancer Ctr, Tampa, FL; Susan Redline, Frank Hu, Brigham and Women's Hosp, Boston, MA
- Childhood and Youth**
- P087 Youth Tobacco Users Perceive Less E-Cig Harm**
Delvon T. Mattingly, Lindsay K. Tompkins, Clara G. Sears, Kandi L. Walker, Joy L. Hart, Univ of Louisville, Louisville, KY
- P088 Trends in Serum Lipids in US Youth Ages 6 to 19 Years: National Health and Nutrition Examination Survey 2003 to 2014**
Amanda M. Perak, Hongyan Ning, Linda V. Van Horn, Northwestern Univ, Chicago, IL; Sarah D. de Ferranti, Boston Children's Hosp, Boston, MA; Donald M. Lloyd-Jones, Northwestern Univ, Chicago, IL
- P089 Fitness and Fatness Are Both Associated With Cardiometabolic Health in 8-10 Year Old New Zealand Children**
Lee Stoner, Univ of North Carolina, Chapel Hill, NC; Nicholas Castro, Massey Univ, Wellington, New Zealand; Paula Skidmore, Univ of Otago, Dunedin, New Zealand; Sally Lark, Massey Univ, Wellington, New Zealand; James Faulkner, Univ of Winchester, Winchester, United Kingdom; Michaelle Williams, Harvard Sch of Public Health, Boston, MA
- P090 Health Informatics Approach to Investigation of Hyperlipidemia in Families**
Lee A. Pyles, Amy P. Joseph, Matthew Armistead, Christa I Lilly, Jeff Cox, Michael Denney, William A. Neal, Charles J. Mullett, West Virginia Univ, Morgantown, WV
- P091 Early Life Stressors and Adult Cardiovascular Health in the REasons for Geographic and Racial Differences in Stroke (REGARDS) Study**
Virginia J. Howard, Leann Long, Aleena Bennett, Univ of Alabama-Birmingham, Birmingham, AL; Leslie A. McClure, Drexel Univ, Philadelphia, PA; Dawn O. Kleindorfer, Univ of Cincinnati Coll of Med, Cincinnati, OH; Virginia G. Wadley, Univ of Alabama-Birmingham, Birmingham, AL; Solveig A. Cunningham, Emory Univ, Atlanta, GA; Jennifer M. Manly, Columbia Univ, New York, NY; Fred W. Unverzagt, Indiana Univ, Indianapolis, IN; Michael G. Crowe, Jennifer S Pollock, Dan I Feig, M. Ryan Irvin, Univ of Alabama-Birmingham, Birmingham, AL; M. Maria Glymour, Univ of California-San Francisco, San Francisco, CA
- P092 Adolescent and Young Adult Women Have Low Cardiovascular Disease Awareness**
Holly C. Gooding, Harvard Medical Sch, Boston, MA; Courtney Brown, Boston Children's Hosp, Boston, MA; Caterina Stamoulis, Harvard Medical Sch, Boston, MA; Anna C. Revette, Dana-Farber Cancer Inst, Boston, MA; Sarah D. DeFerranti, Harvard Medical Sch, Boston, MA
- P093 Correlates of Vascular Health in Children and Adolescents With Dyslipidemia**
David A. White, Children's Mercy Hosp, Kansas City, MO; Gautam M. Anand, Omar Qayum, Chizitam F. Ibezim, Univ of Missouri - Kansas City Sch of Med, Kansas City, MO; Ashley Sherman, Geetha Raghuvver, Children's Mercy Hosp, Kansas City, MO

Poster Presentations (continued)

P094 Sex Differences in Fitness Outcomes After Participation in a Park-Based After school Program Among Minority Youth

Sarah E. Messiah, Dept of Pediatrics, Dept of Public Health Sciences, Univ of Miami Miller Sch of Med, Miami, FL; **Emily M. D'Agostino**, Hersila H. Patel, Eric Hansen, Miami-Dade County Parks Dept, Miami, FL; M. Sunil Mathew, Dept of Pediatrics, Univ of Miami Miller Sch of Med, Miami, FL; Deidre Okeke, Maria Nardi, Miami-Dade County Parks Dept, Miami, FL

P095 New Pediatric Hypertension Guidelines Alter Prevalence Distribution and Associations With Cardiovascular Risk Factors and Target Organ Damage in Youth

Michael Khoury, Phlip Khoury, Lawrence Dolan, Thomas Kimball, Elaine Urbina, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH

P096 Trends in Lifestyle Habits in US Youth Ages 6 to 19 Years: National Health and Nutrition Examination Survey 2003 to 2014

Amanda M. Perak, Hongyan Ning, Linda V. Van Horn, Northwestern Univ, Chicago, IL; Sarah D. de Ferranti, Boston Children's Hosp, Boston, MA; Donald M. Lloyd-Jones, Northwestern Univ, Chicago, IL

P097 Trajectories of Childhood Blood Pressure and Adult Left Ventricular Hypertrophy: The Bogalusa Heart Study

Tao Zhang, Shengxu Li, Lydia Bazzano, Jiang He, Paul Whelton, Wei Chen, Tulane Univ, New Orleans, LA

Environmental Agents and Smoking

P098 Plasma Levels of Persistent Organochlorine Pollutants, Blood Pressure and Hypertension: A Longitudinal Study

Carolina Donat-Vargas, Agneta Åkesson, Karolinska Inst, Stockholm, Sweden; Andreas Tornevi, Maria Wennberg, Johan Sommar, Umeå Univ, Umeå, Sweden; Hannu Kiviranta, Panu Rantakokko, Natl Inst for Health and Welfare, Kuopio, Finland; Ingvar A. Bergdahl, Umeå Univ, Umeå, Sweden

P099 Longitudinal Associations Between Plasma Levels of Perfluoroalkyl Substances and Cardiometabolic Risk Factors

Carolina Donat-Vargas, Karolinska Inst, Stockholm, Sweden; Ingvar A. Bergdahl, Andreas Tornevi, Maria Wennberg, Johan Sommar, Umeå Univ, Umeå, Sweden; Hannu Kiviranta, Jani Koponen, Natl Inst for Health and Welfare, Kuopio, Finland; Agneta Åkesson, Karolinska Inst, Stockholm, Sweden

P100 Long-Term Exposures to Community Noise and Blood Pressure Levels in Chicago, Illinois

Jennifer C. D'Souza, Univ of Michigan, Ann Arbor, MI; Jennifer Weuve, Boston Univ, Boston, MA; Robert D. Brook, Univ of Michigan, Ann

Arbor, MI; Denis A. Evans, Rush Univ Sch of Med, Chicago, IL; Joel D. Kaufman, Univ of Washington, Seattle, WA; Sara D. Adar, Univ of Michigan, Ann Arbor, MI

P101 Methylome-wide Association Study Provides Evidence of Particulate Matter Air Pollution-associated Dna Methylation at Cardiovascular Disease-related Genes

Rahul Gondalia, Antoine R. Baldassari, Katelyn M Holliday, Raúl Méndez-Giráldez, Univ of North Carolina, Chapel Hill, NC; Anne E. Justice, Geisinger Health System, Danville, PA; James D. Stewart, Univ of North Carolina, Chapel Hill, NC; Duanping Liao, Jeffrey D. Yanosky, Pennsylvania State Univ Coll of Med, Hershey, PA; Kristina M. Jordhal, Parveen Bhatti, Fred Hutchinson Cancer Res Ctr, Seattle, WA; Steve Horvath, Univ of California Los Angeles, Los Angeles, CA; Themistocles L. Assimes, Stanford Univ, Palo Alto, CA; Jim S. Pankow, Ellen W. Demerath, Weihua Guan, Univ of Minnesota, Minneapolis, MN; Myriam Fornage, Jan Bressler, Univ of Texas Health Science Ctr at Houston, Houston, TX; Kari E. North, Univ of North Carolina, Chapel Hill, NC; Karen N. Conneely, Emory Univ, Atlanta, GA; Yun Li, Univ of North Carolina, Chapel Hill, NC; Andrea A. Baccarelli, Columbia Univ, New York City, NY; Lifang Hou, Northwestern Univ, Chicago, IL; Eric A. Whitsel, Univ of North Carolina, Chapel Hill, NC

P102 Menthol Cigarette Use and Subclinical Cardiovascular Disease in African Americans in the Jackson Heart Study

Wendy B. White, Tougaloo Coll- Jackson Heart Study, Tougaloo, MS

P103 Age Differences in Patterns of Use, Health Knowledge, Perception, and Intention to Quit Among Current E-Cigarette Users

Thanh-Huyen T. Vu, Northwestern Univ, Chicago, IL; Joy Hart, Kandi Walker, Univ of Louisville, Louisville, KY; Robyn Landry, Allison Groom, American Heart Association, Dallas, TX; Clara Sears, Lindsay Tompkins, Delvon Mattingly, Univ of Louisville, Louisville, KY; Anshula Kesh, American Heart Association, Dallas, TX; Aida Giachello, Northwestern Univ, Chicago, IL; Thomas J. Payne, Univ of Mississippi Medical Ctr, Jackson, MS

P104 Dietary Polychlorinated biphenyls and Long-chain Omega-3 Fish fatty acids Exposures and Risk of Heart Failure

Maria Kippler, Carolina Donat Vargas, Marika Berglund, Karolinska Inst, Stockholm, Sweden; Anders Glynn, Natl Food Agency, Uppsala, Sweden; Alicja Wolk, **Agneta Åkesson**, Karolinska Inst, Stockholm, Sweden

Poster Presentations (continued)

P105 Gaseous Air Pollutants and DNA Methylation in a Methylome-wide Association Study of an Ethnically and Environmentally Diverse Population of U.S. Adults

Katelyn Holliday, Rahul Gondalia, Antoine Baldassari, Raul Méndez-Giráldez, Univ of North Carolina, Chapel Hill, NC; Anne Justice, Geisinger Health, Danville, PA; James Stewart, Univ of North Carolina, Chapel Hill, NC; Duanping Liao, Jeffrey Yanosky, Penn State, Hershey, PA; Kristina Jordahl, Fred Hutchinson Cancer Res Ctr., Seattle, WA; Parveen Bhatti, Fred Hutchinson Cancer Res Ctr, Seattle, WA; Themistocles Assimes, Stanford, Palo Alto, CA; Jim Pankow, Ellen Demerath, Weihua Guan, Univ of Minnesota, Minneapolis, MN; Myriam Fornage, Jan Bressler, The Univ of Texas Health, Houston, TX; Kari North, Univ of North Carolina, Chapel Hill, NC; Karen Conneely, Emory Univ, Atlanta, GA; Yun Li, Univ of North Carolina, Chapel Hill, NC; Andrea Baccarelli, Columbia, New York, NY; Lifang Hou, Northwestern, Chicago, IL; Eric Whitset, Univ of North Carolina, Chapel Hill, NC

Ethnic Health Disparities

P106 Association of Race and SES with the Treatment of STEMI and NSTEMI and the Rate of Coronary Revascularization among Post-Menopausal Women: The Women Health Initiative

Tarryn Tertulien, Alpert Medical Sch of Brown Univ, Providence, RI; Khadijah Breathett, Univ of Arizona, Tucson, AZ; Crystal W. Cene, Giselle Corbie-Smith, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Rami Nassir, Umm Al-Qura Univ Sch of Med, Almadinah, Saudi Arabia; Matthew Allison, Univ of California San Diego, San Diego, CA; Mary B. Roberts, Memorial Hosp of Rhode Island, Pawtucket, RI; JoAnn Manson, Harvard medical Sch, Boston, MA; Charles B. Eaton, Alpert Medical Sch of Brown Univ, Providence, RI

P107 Differences in Cardiovascular Mortality Risk Among African Americans in the Minnesota Heart Survey, 1985-2015, versus African Americans in the Atherosclerosis Risk in Communities Study (ARIC) Cohort: 1987-2015

Kristen M. George, Aaron R. Folsom, Lyn M. Steffen, Univ of Minnesota Sch of Public Health, Minneapolis, MN; Lynne E. Wagenknecht, Wake Forest Sch of Med, Winston-Salem, NC; Thomas H. Mosley, Univ of Mississippi Medical Ctr, Jackson, MS

P108 Race and Socioeconomic Status Are Strongly Associated With Racial Disparities in Cardiovascular Health and Outcomes in Chicago

Claudia D. Ofori-Marfoh, Rush Medical Coll, Chicago, IL; Caroline Volgman, Vanderbilt University, Nashville, TN; Annabelle Volgman,

Rush University Medical Ctr, Chicago, IL; Sarah Alexander, Kim Williams, Rush Univ Medical Ctr, Chicago, IL

P109 Racial/Ethnic Disparities in Post-Stroke Disability: A Focus on Outcome Measures

Suzanne Burns, Medical Univ of South Carolina, Charleston, SC; Brandi White, Univ of Kentucky, Lexington, KY; Gayenell Magwood, Medical Univ of South Carolina, Charleston, SC; Charles Ellis, East Carolina Univ, Greenville, NC; Ayaba Logan, Joy Buie, Daniel Lackland, Robert Adams, Medical Univ of South Carolina, Charleston, SC

P110 Sex Differences in the Prevalence of Cardiovascular Risk Factors Among United States- and Foreign-born Adults in the 2011-2016 National Health and Nutrition Examination Surveys

Ruth-Alma N. Turkson-Ocran, Johns Hopkins Univ, Baltimore, MD; Nwakaego A. Ukonu, Univ of Florida, Gainesville, FL; Yvonne Commodore-Mensah, Johns Hopkins Univ, Baltimore, MD

P111 Racial Disparity and Outcomes Among Parturients Undergoing Cesarean Section With Epidural Anesthesia

Ya-Ching Hsieh, John Doucette, Erin Thanik, Icahn Sch of Med at Mount Sinai, New York, NY; Pradeep Balasubramaniam, Lincoln Medical Ctr, New York, NY

P112 Coronary Revascularization Procedure Mortality in Coronary Artery Disease Patients With End-Stage Renal Disease: Do Racial Disparities Matter?

Alexander V Sergeev, Ohio Univ, Athens, OH

P113 Predictors and Correlates of Secondhand Smoke in Work Environments Among Rural and Urban American Indians

Madison Anderson, Rachel Widome, Jean Forster, Univ of Minnesota, Minneapolis, MN; Kristine Rhodes, American Indian Cancer Fndn, Minneapolis, MN

P114 Association of Subjective Social Status With Cardiovascular Health in Hispanics/Latinos

Lissette Piedra, Univ of Illinois, Urbana, IL; SSS/CVH Co-Authors

P115 Race, Sex, and Geographical Variation in Perceived Racial Discrimination: The Coronary Artery Risk Development in Young Adults (CARDIA) Study

Ganga S. Bey, Sharina D. Person, Catarina I. Kiefe, Univ of Massachusetts Medical Sch, Worcester, MA

Poster Presentations (continued)

- P116 The Relationship Between Body Mass Index and Depression Among Black U.S. Born and Foreign-born Adults in the United States: A Retrospective Analysis of the 2009-2014 National Health and Nutrition Examination Survey**
Nwakaego A. Ukonu, Univ of Florida, Gainesville, FL; Ruth-Alma Turkson-Ocran, Yvonne Commodore-Mensah, John Hopkins Sch of Nursing, Baltimore, MD
- P118 Differences in Tobacco Use of Sexual Minorities of Diverse Racial and Ethnic Backgrounds**
Aida L Giachello, Thanh-Huyen T. Vu, Northwestern Univ, Chicago, IL; Joy L. Hart, Louisville Univ, Louisville, KY; Robyn Landry, American Heart Association, Dallas, TX; Kandi L. Walker, Louisville Univ, Louisville, KY; Allison Groom, Anshula Kesh, American Heart Association, Dallas, TX; Thomas J. Payne, Univ of Mississippi Medical Ctr, Jackson, TN; Rose Marie Robertson, American Heart Association, Dallas, TX
- P119 High Stress Reasons for Immigration Affect Diabetes Risk, Body Size and Behavior: The Africans in America Study**
Sara M. Briker, J. Damascene Kabakambira, Rafeal L Baker, Christopher W. DuBose, Lilian S. Mabundo, Francine Thomas, Stephanie T. Chung, **Anne E. Sumner**, Natl Insts of Health, Bethesda, MD
- P120 Racial Differences in Midlife Brain Health and the Role of Cardiometabolic Risk**
Dana R. Jorgensen, Dora C. Kuan, Akira Sekikawa, Univ of Pittsburgh, Pittsburgh, PA; Peter J. Gianaros, Univ of Pittsburgh, Pittsburgh, PA
- P121 Racial and Ethnic Differences in Ideal Cardiovascular Health and Perception About Weight Among Females With High Education, Income, and Bmi in the US, 2011-2012**
Anshul Saxena, Lara Arias, Tanuja Rajan, Tian Tian, Gulmeena Khan, Emir Veledar, Baptist Health South Florida, Coral Gables, FL
- P122 Racial/Ethnic Variation in Incidence and Progression of Coronary Artery Calcification: Implications for Understanding the Hispanic Paradox**
Sandra S. Albrecht, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Pamela L. Lutsey, Univ of Minnesota, Minneapolis, MN; Matthew Allison, Univ of California at San Diego, San Diego, CA; Teresa Seeman, Univ of California at Los Angeles, Los Angeles, CA; Martha L. Daviglius, Univ of Illinois - Chicago, Chicago, IL; Karol Watson, Univ of California at Los Angeles, Los Angeles, CA; Joseph F. Polak, Tufts Medical Ctr, Boston, MA; Carlos J. Rodriguez, Wake Forest Univ, Winston-Salem, NC
- P123 Comorbid Conditions May Explain Sex/ Race Disparities in Risk of Pulmonary Hypertension**
H. Nicole Tran, Natalia Udaltsova, Stanton Siu, Jeanne Darbinian, Arthur L. Klatsky, Kaiser Permanente, Oakland, CA
- P124 Neighborhood Density of Hispanic/Latinos and Left Ventricular Structure: ECHO-SOL and SOL-CASAS**
Sonia Ponce, Matthew A. Allison, Univ of California San Diego, La Jolla, CA; Jordan A. Carlson, Children's Mercy Kansas City, Kansas, KS; Krista M. Perreira, Matthew Shane Loop, Franklyn Gonzalez II, Univ of North Carolina, Chapel Hill, NC; Carmen Isasi, Albert Einstein Coll of Med, New York City, NY; Barry E. Hurwitz, Univ of Miami, Miami, FL; Frank J. Penedo, Mayank M. Kansal, Northwestern Univ, Chicago, IL; Martha L. Daviglius, Northwestern University, Chicago, IL; Gregory A. Talavera, San Diego State Univ, San Diego, CA; Carlos J. Rodriguez, Wake Forest Univ, Chapel Hill, NC; Linda G. Gallo, San Diego State Univ, San Diego, CA
- P125 Multiple Measures of Energy Expenditure and Substrate Oxidation in Non-obese White and African American Young Adults**
Peter T. Katzmarzyk, Eric Ravussin, Pennington Biomedical Res Ctr, Baton Rouge, LA

Genetics

- P126 Sex Interacts With Chromosome 6p24 on Coronary Artery Calcium but Not Chromosome 9p21**
Sharon Marie Lutz, Univ of Colorado, Aurora, CO; Dawn DeMeo, Harvard Medical Sch, Boston, MA; Matthew Budoff, Harbor-UCLA Medical Ctr, Los Angeles, CA; John E. Hokanson, Univ of Colorado, Aurora, CO
- P127 Gene-Lifestyle Interactions Detect Novel Blood Pressure Loci**
Oyomoare L. Osazuwa-Peters, Karen L. Schwander, Yun J. Sung, Lisa de las Fuentes, Dabeeru C. Rao, Washington Univ in St. Louis, St. Louis, MO
- P128 The Epigenomic Signature of Life's Simple 7**
Niranjan Gowda, Marguerite R. Irvin, Bertha A. Hidalgo, Hemant K. Tiwari, Univ of Alabama at Birmingham, Birmingham, AL; Devin M. Absher, Hudson Alpha Inst for Biotechnology, Huntsville, AL; Donna K. Arnett, Univ of Kentucky, Lexington, KY; Stella W. Aslibekyan, Univ of Alabama at Birmingham, Birmingham, AL
- P129 Association Between Blood Pressure and DNA Methylation in Blood Pressure-related Genes in Adolescents**
Fan He, Arthur Berg, Edward O. Bixler, Julio Fernandez-Mendoza, Yuka Imamura Kawasawa, Anna C. Salzberg, Alexandros N. Vgontzas, Duanping Liao, Penn State Coll of Med, Hershey, PA

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- P130 Infant Growth as an Effect Modifier of Genetic-lipid Associations: Evidence From a Chilean Infancy Cohort**
Ann Von Holle, Kari E. North, UNC, Chapel Hill, NC; Sheila Gahagan, Estela Blanco, UCSD, San Diego, CA; Misa Graff, UNC, Chapel Hill, NC; Anne Justice, Geisinger institute, Danville, PA; Betsy Lozoff, Univ of Michigan, Ann Arbor, MI; José Santos, Pontificia Univ Católica de Chile, Santiago, Chile; Bárbara Angel, Univ of Chile, Santiago, Chile; Raquel Burrows, Insto de Nutrición y Tecnología de los Alimentos (INTA), Santiago, Chile; Saroja Voruganti, Annie Green Howard, UNC, Chapel Hill, NC
- P131 Influence of PNPLA3 Interaction With Physical Activity and Dietary Pattern on Hepatic Steatosis Among African Americans in the Jackson Heart Study**
Stanford E. Mwasongwe, Jackson Heart Study, Jackson State Univ, Jackson, MS; Jiankang Liu, Brigham and Women's Hosp, Boston, MA; Hannah Scott, Dept of Biology, Jackson State Univ, Jackson, MS; Mario Sims, Adolfo Correa, Solomon K. Musani, Jackson Heart Study, Univ of Mississippi Medical Ctr, Jackson, MS
- P132 Genome-wide Linkage Analysis of Carotid Artery Traits in Exceptionally Long-Lived Families**
Allison L. Kuipers, Emma J. Barinas-Mitchell, Ryan L. Minster, Univ of Pittsburgh, Pittsburgh, PA; Mary Wojczynski, Washington Univ of St. Louis, St. Louis, MO; Lene Christiansen, Danish Aging Res Ctr, Odense C, Denmark; Alexander Kulminski, Duke Univ, Durham, NC; Bharat Thyagarajan, Univ of Minnesota, Minneapolis, MN; Anne B. Newman, Univ of Pittsburgh, Pittsburgh, PA
- P133 Epigenome-Wide Association Study of Moderate-Vigorous Physical Activity in Adult African Americans Identifies Loci Near HCCA2**
Steven Nguyen, Weihua Guan, Chong Wu, Univ of Minnesota Twin Cities Sch of Public Health, Minneapolis, MN; Megan Grove, Rui Xia, Human Genetics Ctr, Dept of Epidemiology, Human Genetics, and Environmental Sciences, Sch of Public Health, The Univ of Texas Health Science Ctr at Houston, Houston, TX, Houston, TX; Nicholas S Roetker, Univ of Minnesota Twin Cities Sch of Public Health, Minneapolis, MN; Katie Holliday, Univ of North Carolina Gillings Sch of Global Public Health, Chapel Hill, NC; Elizabeth Hibler, Yinan Zheng, Northwestern Univ Feinberg Sch of Med, Chicago, IL; Eric Whitsel, Univ of North Carolina Gillings Sch of Global Public Health, Chapel Hill, NC; Jan Bressler, Human Genetics Ctr, Dept of Epidemiology, Human Genetics, and Environmental Sciences, Sch of Public Health, The Univ of Texas Health Science Ctr at Houston, Houston, TX, Houston, TX; Kari North, Univ of North Carolina Gillings Sch of Global Public Health, Chapel Hill, NC; Myriam Fornage, Eric Boerwinkle, Human Genetics Ctr, Dept of Epidemiology, Human Genetics, and Environmental Sciences, Sch of Public Health, The Univ of Texas Health Science Ctr at Houston, Houston, TX, Houston, TX; Jim Pankow, Ellen Demerath, Univ of Minnesota Twin Cities Sch of Public Health, Minneapolis, MN
- P134 Genome-wide Association Study of Heart Rate Response to Mental Stress**
Yunfeng Huang, Qin Hui, Muhammad Hammadah, Pratik M. Pimple, Ibhar Al Mheid, Kobina Wilmot, Ronnie Ramadan, Amit J. Shah, Brad Pearce, Ernest V Garcia, Michael Kutner, J. Douglas Bremner, Fabio Esteves, Paolo Raggi, Emory Univ, Atlanta, GA; David S. Sheps, Univ of Florida, Jacksonville, FL; Viola Vaccarino, Arshed A. Quyyumi, Yan Sun, Emory Univ, Atlanta, GA

Global Health

- P135 Prevalence of Peripheral Vascular Disease: Results of the Global Burden of Disease 2016 Study**
Catherine O. Johnson, Minh Nguyen, Benjamin Zipkin, Tahiya Alam, Gregory A. Roth, Univ of Washington, Seattle, WA
- P136 Adherence to the Mediterranean Diet is Associated With Lower Pericardial Fat in African-Caribbean Men**
Curtis Tilves, Allison L. Kuipers, Joseph M. Zmuda, Dept of Epidemiology, Univ of Pittsburgh, Pittsburgh, PA; J. Jeffrey Carr, James G. Terry, Sangeeta Nair, Dept of Radiology, Vanderbilt Univ Medical Ctr, Nashville, TN; Akira Sekikawa, Dylan Falk, Dept of Epidemiology, Univ of Pittsburgh, Pittsburgh, PA; Dan Ramdath, Guelph Res and Development Ctr, Science and Technology, Agriculture and Agri-Food Canada, Government of Canada, Guelph, ON, Canada; Clareann H. Bunker, Dept of Epidemiology, Univ of Pittsburgh, Pittsburgh, PA; Victor Wheeler, Tobago Health Studies Office, Scarborough, Trinidad and Tobago; Iva Miljkovic, Dept of Epidemiology, Univ of Pittsburgh, Pittsburgh, PA
- P137 Socioeconomic Status And Hypertension Control In Sub-saharan Africa: The Multination Eight Study**
Marie Antignac, St Antoine Hosp AP-HP, Paris Cardiovascular Res Ctr, INSERM U970, Paris, France; Diane Macquart de Terline, St Antoine Hospe AP-HP, INSERM U970, Paris Descartes Univ, Paris, France; Ibrahima Bara Diop, Cardiology Dept, Univ Hosp of Fann, Dakar, Senegal; Kouadio E. Kramoh, Inst of Cardiology of Abidjan (Ivory Coast), BPV 206, Abidjan, Côte D'Ivoire; Dadhi M. Balde, Dept of Cardiology, Univ Hosp of Conakry, Conakry, Guinea; Anastase Dzudie, Cardiac Intensive Care & Cardiac

Poster Presentations (continued)

Pacing Unit, Douala General Hosp, Douala, Cameroon; Beatriz Ferreira, Insto do Coração, Maputo, Mozambique; Martin D Houenassi, Natl Univ Hosp of Hubert K. Maga (CNHU-HKM), Cotonou, Benin; Méo S. Ikama, Cardiology Dept, Natl Univ Hosp of Brazzaville, Marien Ngouabi Univ, Brazzaville, Congo, Republic of the; Adama Kane, Cardiology Dept, Univ Hosp of Aristide Le Dantec, Dakar, Senegal; Suzy G. Kimbally-Kaki, Cardiology Dept, Natl Univ Hosp of Brazzaville, Marien Ngouabi Univ, Brazzaville, Congo, Republic of the; Charles Kouam Kouam, Internal Med Dept, Régional Hosp, Bafoussam, Cameroon; Emmanuel Limbole, Dept of Internal Med of la Gombe (CMCG), Dept of Internal Med, Ngaliema Hosp, Kinshasa, Congo, Democratic Republic of the; Jean Bruno Mipinda, Univ Hosp of Libreville, Libreville, Gabon; Liliane Mfeukeu Kuate, Univ of Yaoundé, Central Hosp of Yaoundé, Yaounde, Cameroon; Yves N'Goran, Inst of Cardiology of Abidjan (Ivory Coast), BPV 206, Abidjan, Côte D'Ivoire; Carol Nhavoto, Insto do Coração (ICOR), Maputo, Mozambique; Zouwera Sesso, Cardiology Dept, Lome, Togo; Abdallahi Sidy Ali, Cardiology Clinics, Nouakchott Mauritania, Nouakchott, Mauritania; Ibrahim Ali Toure, Internal Med and Cardiology Dept, Univ Hosp of Lamorde, Niamey Univ, Niamey, Niger; Pierre François Plouin, Paris Cardiovascular Res Ctr, INSERM U970, European Georges Pompidou Hosp, AP-HP, Paris Descartes Univ, Paris, France; Marie Cécile Perier, Paris Cardiovascular Res Ctr, INSERM U970, European Georges Pompidou Hosp, Paris, France; Kumar Narayanan, Maxcure Hosp, Hyderabad, India; **Jean Philippe Empana**, Paris Cardiovascular Res Ctr, INSERM U970, European Georges Pompidou Hosp, Paris, France; Xavier Jouven, Paris Cardiovascular Res Ctr, INSERM U970, European Georges Pompidou Hosp, Ap-HP, Paris Descartes Univ, Paris, France

P139 Association of a Potentially Functional Wnt Pathway Mutation With Carotid Artery Wall Traits in African Ancestry Men
Allison L. Kuipers, Iva Miljkovic, Emma Barinas-Mitchell, Ryan Cvejkus, Clareann H. Bunker, Univ of Pittsburgh, Pittsburgh, PA; Victor W. Wheeler, Tobago Health Studies Office, Scarborough, Trinidad and Tobago; Joseph M. Zmuda, Univ of Pittsburgh, Pittsburgh, PA

P140 High Poverty Among Patients With Noncommunicable Diseases in Rural Haiti
Gene F. Kwan, Boston Univ Medical Cent, Boston, MA; Benito Isaac, Zanmi Lasante, Mirebalais, Haiti; Lily Yan, Boston Univ Medical Cent, Boston, MA; Waking Jean-Baptiste, Densa Belony, Loïune Martineau, Philip Cleophat, Zanmi Lasante, Mirebalais, Haiti

P141 Detection of Abnormal Glucose Tolerance in Africans: International Diabetes Federation Waist Circumference Thresholds Perform Better in Africans Than the Higher Thresholds Used in America

Jean D. Kabakambira, Sara M. Briker, Rafeal L. Baker Jr., Amber B. Courville, Francine Thomas, Lilian S. Mabundo, Stephanie T. Chung, Christopher W. DuBose, Natl Insts of Health, Bethesda, MD; Mizanur Rahman, Univ of Toyko, Toyko, Japan; **Anne E. Sumner**, Natl Insts of Health, Bethesda, MD

P142 Light Smoking is Associated With Metabolic Syndrome Risk Factors in Chilean Young Adults
Evaline Cheng, Univ of California, San Diego, San Diego, CA; Raquel Burrows, Paulina Correa-Burrows, Inst of Nutrition and Food Technology (INTA), Univ of Chile, Santiago, Chile; Estela Blanco, Sheila Gahagan, Univ of California, San Diego, San Diego, CA

P143 Cardiovascular Health Among Asian Americans, NHANES 2011-2014
Jing Fang, Zefeng Zhang, Carma Ayala, Angela Thompson-Paul, Fleetwood Loustalot, CDC, Atlanta, GA

P144 Cardiovascular Risk Assessment in Western Honduras; An Epidemiological Perspective
Carlos A. Godoy Rivas, Cleveland Clinic Fndn, Cleveland, OH; Eleazar E. Montalván, Samuel A. Urrutia, Aida A. Rodríguez, Eva E. Ordoñez, Axel A. Murillo, Ricardo J. Rivera, Karla G. Duarte, Artemisa J. Viana, Western Honduras Hosp, Santa Rosa de Copán, Honduras; José L. Aguilera, Laura Young, Cleveland Clinic Fndn, Cleveland, OH; Karla P. Torres, UNAH, Santa Rosa de Copán, Honduras; Haitham Ahmed, Cleveland Clinic Fndn, Cleveland, OH

Health Services Research/Outcomes/ Practice Improvement

P145 Ideal Cardiovascular Health and Incidence of Atherosclerotic Cardiovascular Disease in a Large Integrated Health Care System
Jamal S. Rana, Jennifer Liu, Howard Moffet, Andrew J. Karter, Kaiser Permanente Northern California, Oakland, CA; Marc Jaffe, Kaiser Permanente Northern California, South San Francisco, CA; Alan S Go, Stephen Sidney, Kaiser Permanente Northern California, Oakland, CA

P146 Public Health Surveillance Reveals an Increase in Health Care Utilization for Generic versus Brand-name Warfarin Users
Jacinthe Leclerc, Univ Laval, Québec, QC, Canada; Claudia Blais, Inst Natl de Santé Publique du Québec, Quebec, QC, Canada; Louis Rochette, Denis Hamel, Inst Natl de Santé Publique du Québec, Québec, QC, Canada; Line Guénette, Ctr de Recherche du CHU de Québec, Axe Santé des Populations et Pratiques

Poster Presentations (continued)

- Optimales en Santé, Québec, QC, Canada; Paul Poirier, Inst Univire de Cardiologie et de Pneumologie de Québec, Québec, QC, Canada
- P147** **Statin Therapy is Associated With a Lower Risk of Death in Patients Post Myocardial Infarction**
Jacqueline P. Honerlaw, Yuk-Lam Ho, Bing Lu, Jason L. Vassy, Luc Djousse, Christopher J. O'Donnell, J. Michael Gaziano, David R. Gagnon, Kelly Cho, VA Boston Healthcare System, Jamaica Plain, MA; Peter W. F. Wilson, Atlanta VA Medical Ctr, Decatur, GA
- P148** **Heart Disease Among Breast Cancer Patients**
Tekeda F. Ferguson, Sunayana Kumar, Denise Danos, LSU Health Science Ctr SPH, New Orleans, LA
- P149** **Retention of Participants in Longitudinal Research: The Multi-Ethnic Study of Atherosclerosis**
Sandi Shrager, Univ of Washington, CHSCC, Seattle, WA
- P151** **Primary ASCVD Risk Associated With Undiagnosed Conditions Decreased Over NHANES 1999-2014**
David R. Nelson, Jessica A. Davis, Eli Lilly and Company, Indianapolis, IN
- P152** **Health Informatics: A New Hope for Familial Hypercholesterolemia**
Amy P. Joseph, Charles J. Mullett, Matthew Armistead, Jeff Cox, Michael Denney, William A. Neal, Lee A. Pyles, West Virginia Univ, Morgantown, WV
- P154** **Blood Pressure and Lipid Control Variation in Faculty versus Trainee Clinics**
Sarina Sachdev, Bassam A. Omar, Christopher Malozzi, G. Mustafa Awan, Univ South Alabama, Mobile, AL
- P155** **Risk for Recurrent Events Among Patients Receiving Intensive Medical Management Following Myocardial Infarction**
Lisandro D. Colantonio, Todd M. Brown, Vera A. Bittner, Hong Zhao, Univ of Alabama at Birmingham, Birmingham, AL; Michael E. Farkouh, Peter Munk Cardiac Ctr and Heart and Stroke Richard Lewar Ctr of Excellence, Univ of Toronto, Toronto, ON, Canada; Keri L. Monda, Ctr for Observational Res, Amgen Inc, Thousand Oaks, CA; Robert S. Rosenson, Mount Sinai Heart, Icahn Sch of Med at Mount Sinai, New York, NY; Ransi M. Somaratne, Res and Development, Amgen Inc., Thousand Oaks, CA; Mark Woodward, The George Inst for Global Health, Univ of Oxford, Oxford, United Kingdom; Paul Muntner, Univ of Alabama at Birmingham, Birmingham, AL
- P156** **Comorbidity Profile Preceding Dementia Diagnosis: Findings From the Atherosclerosis Risk in Communities (ARIC) Study Cohort**
Anna Kucharska-Newton, Univ of North Carolina, Chapel Hill, NC; David Knopman, Mayo Clinic, Rochester, MN; Priya Palta, Gerardo Heiss, Univ of North Carolina, Chapel Hill, NC
- P157** **Examining Differences in Interest in Clinical Trial Participation Between Those With and Without a Previous Diagnosis of Hypertension or Heart Disease**
Danielle Haney, NHLBI, Bethesda, MD; Richard Moser, Bradford Hesse, NCI, Bethesda, MD; Alexandra Greenberg-Worisek, Mayo Clinic, Rochester, MN
- P158** **Lipid Management Challenges in Different Clinical Settings**
Landai Nguyen, Mazen Omar, **Bassam A. Omar**, G. Mustafa Awan, Christopher Malozzi, Univ South Alabama, Mobile, AL
- Heart Failure**
- P159** **No Gender Difference in All-Cause Mortality Rates in a Cohort of Heart Failure With Preserved Ejection Fraction in the US Veteran Population**
Katherine E. Kurgansky, David Gagnon, Kelly Cho, J. Michael Gaziano, Jacob Joseph, Luc Djousse, MAVERIC, VA Boston Healthcare System, Boston, MA
- P160** **Relationship of Physical Function and Quality of Life in Elderly Patients With Acute Decompensated Heart Failure: The Rehabilitation Therapy in Older Acute Heart Failure Patients (The REHAB-HF Trial)**
Amer I. Aladin, Wake Forest Sch of Med, Winston-Salem, NC; David Whellan, Thomas Jefferson Univ, Dept of Internal Med, Philadelphia, PA; Robert Mentz, Duke Univ Sch of Med, Durham, NC; Gordon Reeves, Thomas Jefferson Univ, Dept of Internal Med, Philadelphia, PA; Pamela Duncan, Diego Malaver, Wake Forest Sch of Med, Winston-Salem, NC; Paul Rosenberg, Duke Univ Sch of Med, Durham, NC; Kathleen Fitzgerald, Jefferson Clinical Res Inst, Thomas Jefferson Univ, Philadelphia, PA; Dalane Kitzman, Wake Forest Sch of Med, Winston-Salem, NC
- P161** **Self-Management Resources in Heart Failure: A Prospective Community Study**
Matteo Fabbri, Sheila Manemann, Mayo Clinic, Rochester, MN; Cynthia Boyd, Johns Hopkins Univ, Baltimore, MD; Jennifer Wolff, Johns Hopkins University, Baltimore, MD; Alanna Chamberlain, Susan Weston, Kathleen Yost, Lila Finney Rutten, Joan Griffin, Jill Killian, Veronique Roger, Mayo Clinic, Rochester, MN

Poster Presentations (continued)

- P162 The Association Between Hypertension and Incident Heart Failure by Race and Gender**
Matthew Mefford, George Howard, Raegan Durant, Nancy Dunlap, Univ of Alabama at Birmingham, Birmingham, AL; Parag Goyal, Monika Safford, Weill Cornell Med, New York, NY; Paul Muntner, Emily Levitan, Univ of Alabama at Birmingham, Birmingham, AL
- P163 Heavy but Not Moderate Coffee Consumption is Associated With Higher Risk of Heart Failure: The Physicians' Health Study**
Vijaykumar Bodar, Brigham and Women's Hosp/Harvard Medical Sch, Boston, MA; Jiaying Chen, Brigham and Women's Hosp, Boston, MA; Howard Sesso, Brigham and Women's Hosp/Harvard Medical Sch, Boston, MA; Michael Gaziano, Luc Djousse, Brigham and Women's Hosp/Harvard Medical Sch, Boston, MA
- P164 Cognitive Impairment Among Adults With Incident Heart Failure**
Madeline R. Sterling, Dept of Med, Weill Cornell Medical Coll, New York, NY; Deanna Jannat-Khah, Div of General Internal Med, Weill Cornell Medical Coll, New York, NY; Leslie McClure, Dornsife Sch of Public Health at Drexel Univ, Philadelphia, PA; Virginia Wadley, Dept of Med, Univ of Alabama at Birmingham, Birmingham, AL; Frederick W. Unverzgat, Dept of Psychiatry, Indiana Univ of Sch of Med, Indianapolis, IN; Emily B. Levitan, Dept of Epidemiology, Univ of Alabama at Birmingham, Birmingham, AL; Parag Goyal, Division of General Internal Med, Div of Cardiology, Weill Cornell Medical Coll, New York, NY; Janey C. Peterson, Div of General Internal Med, Weill Cornell Medical Coll, New York, NY; Samprit Banerjee, Dept of Healthcare Policy and Res, Weill Cornell Medical Coll, New York, NY; Jennifer J. Manly, Dept of Neurology, Columbia Univ Medical Ctr, New York, NY; Deborah A. Levine, Dept of Internal Med, Univ of Michigan Medical Sch, Ann Arbor, MI; Monika M. Safford, Div of General Internal Med, Weill Cornell Medical Coll, New York, NY
- P165 Associations of Coronary Artery Calcium Volume and Density With Incident Heart Failure in the Multi-Ethnic Study of Atherosclerosis**
Nketi I. Forbang, UCSD, San Diego, CA; Erin Michos, Johns Hopkins Univ, Baltimore, MD; Sonia Ponce, Isac Thomas, Matthew Allison, UCSD, San Diego, CA; David Bluemke, Univ of Wisconsin, Madison, WI; Michael Criqui, UCSD, San Diego, CA
- P167 Associations of Sleep-Disordered Breathing in Relation to Incident Atrial Fibrillation and Change in Serum NT-proBNP Levels Among Japanese: The Circulatory Risk in Communities Study (CIRCS)**
Isao Muraki, Osaka Univ, Suita, Japan; Takeshi Tanigawa, Juntendo Univ, Tokyo, Japan; Kazumasa Yamagishi, Tsukuba Univ, Tsukuba, Japan; Mitsumasa Umehara, Dokkyo Medical Univ, Mibu, Japan; Mina Hayama-Terada, Osaka Ctr for Cancer and Cardiovascular Disease Prevention, Osaka, Japan; Akihiko Kitamura, Tokyo Metropolitan Inst of Gerontology, Tokyo, Japan; Tetsuya Ohira, Fukushima Medical Univ, Fukushima, Japan; Hironori Imano, Renzhe Cui, Osaka Univ, Suita, Japan; Masahiko Kiyama, Osaka Ctr for Cancer and Cardiovascular Disease Prevention, Osaka, Japan; Hiroyasu Iso, Osaka Univ, Suita, Japan; CIRCS Investigators
- P168 The Association of Longitudinal Changes in Metabolic Syndrome With Incident Heart Failure: The Atherosclerosis Risk in Communities (ARIC) Study**
Tolulope A. Adesiyun, Lucia Kwak, Kavita Sharma, Johns Hopkins Hosp, Baltimore, MD; Vijay Nambi, Baylor Coll of Med, Houston, TX; Erin D. Michos, Johns Hopkins Hosp, Baltimore, MD; Ian Neeland, UT Southwestern, Dallas, TX; Roger S Blumenthal, Johns Hopkins Hosp, Baltimore, MD; Christie M. Ballantyne, Baylor Coll of Med, Houston, TX; Elizabeth Selvin, Josef Coresh, Chiadi E. Ndumele, Johns Hopkins Hosp, Baltimore, MD
- P169 Antibodies to Citrullinated Protein Antigens (ACPA), Left Ventricular Mass and Ejection Fraction in the Multi-Ethnic Study of Atherosclerosis**
Jan M. Hughes-Austin, Univ of California San Diego, La Jolla, CA; Ronit Katz, Univ of Washington, Seattle, WA; Darcy S. Majka, Northwestern Univ, Chicago, IL; Michael H. Criqui, Univ of California San Diego, La Jolla, CA; William H. Robinson, Stanford Univ, Stanford, CA; Gary S. Firestein, Univ of California San Diego, La Jolla, CA; W. Gregory Hundley, Wake Forest Univ, Winston-Salem, NC; Joachim H. Ix, Univ of California San Diego, La Jolla, CA
- P170 Associations of Calibrated Dietary Sodium and Potassium Intakes With the Risk of Heart Failure and its Subtypes in Postmenopausal Women: The Women's Health Initiative**
Xiao Gu, Brown Univ Sch of Public Health, Providence, RI; Lesley F. Tinker, Fred Hutchinson Cancer Res Ctr, Seattle, WA; Alison E. Field, Brown Univ Sch of Public Health, Providence, RI; Mary B. Roberts, Memorial Hosp of Rhode Island, Pawtucket, RI; Matthew Allison, Univ of California, San Diego, La Jolla, CA; Bernhard Haring, Univ of Würzburg, Würzburg, Germany; Marian L Neuhauser, Fred Hutchinson Cancer Res Ctr, Seattle, WA; Karen C. Johnson, Univ of Tennessee Health Science Ctr, Memphis, TN; Linda V. Van Horn, Northwestern Univ Feinberg Sch of Med, Chicago, IL; JoAnn E. Manson, Brigham and Women's Hosp and Harvard

Poster Presentations (continued)

- Medical Sch, Boston, MA; Ross L. Prentice, Fred Hutchinson Cancer Res Ctr, Seattle, WA; Charles B. Eaton, Alpert Medical Sch of Brown Univ, Providence, RI
- P171 The “Hub and Spoke” Model of Heart Function Care Achieves Quality Index Markers**
Stephanie Hinton, Queen’s Univ, Kingston, ON, Canada; Karen Geukers, McMaster Univ, Hamilton, ON, Canada; George Heckman, Univ of Waterloo, Waterloo, ON, Canada; Neville Suskin, Tim Hartley, The Univ of Western Ontario, London, ON, Canada; Karen Harkness, Cardiac Care Network of Ontario, Toronto, ON, Canada; Eva Lonn, McMaster Univ, Hamilton, ON, Canada; Robert McKelvie, The Univ of Western Ontario, London, ON, Canada
- P172 Associations of Body Mass Index From Early-, Mid-, and Older- Adulthood With Incident Heart Failure and Cardiovascular Disease: The Multi-Ethnic Study of Atherosclerosis**
Michael J. Flotsos, Ciccarone Ctr for the Prevention of Heart Disease, Johns Hopkins Sch of Med, Baltimore, MD; Di Zhao, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Chiadi Ndumele, Ciccarone Ctr for the Prevention of Heart Disease, Johns Hopkins Sch of Med, Baltimore, MD; Eliseo Guallar, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Gregory L. Burke, Div of Public Health Sciences, Wake Forest Sch of Med, Winston-Salem, NC; Dhananjay Vaidya, Div of General Internal Med, Johns Hopkins Sch of Med, Baltimore, MD; Vishal Rao, Ciccarone Ctr for the Prevention of Heart Disease, Johns Hopkins Sch of Med, Baltimore, MD; Joseph (Chris) A. Delaney, Dept of Epidemiology, Univ of Washington, Seattle, WA; Erin D. Michos, Ciccarone Ctr for the Prevention of Heart Disease, Johns Hopkins Sch of Med, Baltimore, MD
- Hypertension**
- P173 Hypertension Clusters Across Time and Differential Risk of Mortality: National Health and Nutrition Examination Survey 1999–2012**
Marcia P. Jimenez, Brown Univ Sch of Public Health, Providence, RI; Mark A. Green, Dept of Geography & Planning, Univ of Liverpool, Liverpool, United Kingdom; Amol A. Verma, Li Ka Shing Knowledge Inst of St Michael’s Hosp, Toronto, ON, Canada; S.V. Subramanian, Harvard T. H. Chan Sch of Public Health, Boston, MA; Eric B. Loucks, Brown Univ Sch of Public Health, Providence, RI; Fahad Razak, Li Ka Shing Knowledge Inst of St Michael’s Hosp, Toronto, ON, Canada
- P174 Early Onset Parental Hypertension is Associated With Hypertension Status of Their Offspring**
Yongwoo Jeon, Hyeon Chang Kim, Hyungseon Yeom, Dahye Jeon, Dept of Preventive Med, Yonsei Univ Coll of Med, Seoul, Korea, Republic of; Jee-Seon Shim, Cardiovascular and Metabolic Diseases Etiology Res Ctr, Yonsei Univ Coll of Med, Seoul, Korea, Republic of; Kay-Tee Khaw, Dept of Public Health and Primary Care, Univ of Cambridge, Cambridge, United Kingdom; Il Suh, Dept of Preventive Med, Yonsei Univ Coll of Med, Seoul, Korea, Republic of
- P175 Predictors of Long Term Blood Pressure Variability in Young Adulthood Through Middle Age: The Coronary Artery Risk Development in Young Adults Study**
Yacob Tedla, Feinberg Sch of Med, Northwestern Univ, Chicago, IL; Yuichiro Yano, Univ of Mississippi Medical Ctr, Jackson, MS; Mercedes Carnethon, Philip Greenland, Donald Lloyd-Jones, Feinberg Sch of Med, Northwestern Univ, Chicago, IL
- P176 Moderate Physical Activity and Sleep Duration as Predictors of Cognitive Function in Older Adults With Hypertension: NHANES 2011-2014**
Nicole Hoffmann, Megan E. Petrov, Arizona State Univ, Phoenix, AZ
- P177 Potential Value of Intensive Blood-Pressure Treatment Based on Predicted Lifetime Cardiovascular Disease at Age 40: Computer Simulation Study**
Anusorn Thanataveerat, Columbia Univ Medical Ctr, New York, NY; Sonia Singh, Univ of Glasgow, Glasgow, United Kingdom; Ciaran Kohli-Lynch, Yiyi Zhang, Columbia Univ Medical Ctr, New York, NY; Eric Vittinghoff, Mark Pletcher, Dept of Epidemiology & Biostatistics, UCSF Sch of Med, San Francisco, CA; Andrew E Moran, Columbia Univ Medical Ctr, New York, NY
- VP178 Trends in Antihypertensive Medication Nonadherence Among US Adults With Commercial Health Insurance Initiating Treatment Between 2007 and 2014**
Gabriel Tajeu, Temple Univ, Philadelphia, PA; Shia T. Kent, Truven Health Analytics, Atlanta, GA; Lei Huang, Univ of Alabama at Birmingham, Birmingham, AL; Daichi Shimbo, Columbia Univ, New York, NY; Marie Krousel-Wood, Tulane Univ, New Orleans, LA; Ian M. Kronish, Columbia Univ, New York, NY; Adam P. Bress, Univ of Utah, Salt Lake City, UT; Yendelela Cuffee, Penn State Univ, Harrisburg, PA; Michael T. Halpern, Temple Univ, Philadelphia, PA; Paul Muntner, Univ of Alabama at Birmingham, Birmingham, AL
- P179 Lifetime Variation in the Impact of Cardiovascular Risk Factors on CVD Outcomes and Mortality: Lifetime Risk Pooling Project**
Norrina B. Allen, Hongyan Ning, Lihui Zhao, John Wilkins, Donald Lloyd-Jones, Northwestern Univ, Chicago, IL

Poster Presentations (continued)

- P180** **Ambulatory Blood Pressure Monitoring Phenotypes in Adults With and Without Chronic Kidney Disease Taking Antihypertensive Medication: The Jackson Heart Study**
Stanford Mwasongwe, Jackson Heart Study, Jackson State Univ, Jackson, MS; Rikki M. Tanner, Dept of Epidemiology, Univ of Alabama at Birmingham, Birmingham, AL; Daniel Pugliese, Dept of Med, Columbia Univ Medical Ctr, New York, NY; Bessie Young, Veterans Affairs Puget Sound Health Care System, Div of Nephrology, Kidney Res Inst, Univ of Washington, Seattle, WA; Marwah Abdalla, Dept of Med, Columbia Univ Medical Ctr, New York, NY; Solomon K. Musani, Jackson Heart Study, Univ of Mississippi Medical Ctr, Jackson, MS; Orlando Gutierrez, Dept of Med, Univ of Alabama at Birmingham, Birmingham, AL; Adolfo Correa, Jackson Heart Study, Univ of Mississippi Medical Ctr, Jackson, MS; Daichi Shimbo, Dept of Med, Columbia Univ Medical Ctr, New York, NY; Paul Muntner, Dept of Epidemiology, Univ of Alabama at Birmingham, Birmingham, AL
- P181** **Contribution of C-Reactive Protein to Racial Disparities in Incident Hypertension: The REasons for Geographic And Racial Differences in Stroke Study (REGARDS)**
Timothy B. Plante, Univ of Vermont Larner Coll of Med, Burlington, VT; D. Leann Long, George Howard, April P. Carson, Virginia J. Howard, Suzanne E. Judd, Univ of Alabama at Birmingham, Birmingham, AL; Nancy Swords Jenny, Neil A. Zakai, Mary Cushman, Univ of Vermont Larner Coll of Med, Burlington, VT
- P182** **Low Diastolic Blood Pressure is Associated With Subclinical Myocardial Disease and Cardiac Events in Patients With Coronary Artery Disease**
Matthew L. Topel, Pratik B. Sandesara, Eric P. Stahl, Yi-An Ko, Ayman S. Tahhan, Salim S. Hayek, Arshed A. Quyyumi, Emory Univ Sch of Med, Atlanta, GA
- P183** **20-year Secular Trend of Cardiovascular Disease Comorbidities in the United States, 1997-2016**
Dianjianyi Sun, Tao Zhou, Xiang Li, Yoriko Heianza, Tulane Sch of Public Health, New Orleans, LA; Xiaoyun Shang, Children's Hosp New Orleans, New Orleans, LA; Lu Qi, Tulane Sch of Public Health, New Orleans, LA
- P184** **Meat Cooking Methods and Risk of Hypertension: Results From Three Prospective Cohort Studies**
Gang Liu, Harvard T. H. Chan Sch of Public Health, Boston, MA
- P355** **Socioeconomic Factors and Race Negatively Impact Performance Based Motor Skills Following Stroke: Evidence From the Health and Retirement Study**
Joy N. J. Buie, Medical Univ of South Carolin, Charleston, SC
- HIV**
- P185** **Racial Disparities in Statin Use Among Persons With HIV: The HIV Electronic Comprehensive Cohort of CVD Complications (HIVE-4CVD)**
Avery Cowen, Anna Pawlowski, Daniel Schneider, Donald M. Lloyd-Jones, Matthew J. Feinstein, Northwestern Univ - Feinberg Sch, Chicago, IL
- P186** **Plasma Ceramides Are Associated With HIV Treatment and Increased Risk of Carotid Artery Plaque in Two Prospective HIV Cohorts**
Wei Zhao, Simin Hua, Albert Einstein Coll of Med, Bronx, NY; Clary B. Clish, Amy Deik, Broad Inst of MIT and Harvard, Cambridge, MA; David B. Hanna, Albert Einstein Coll of Med, Bronx, NY; Sabina A. Haberlen, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Sanjiv J. Shah, Northwestern Univ Feinberg Sch of Med, Chicago, IL; Wendy S. Post, Johns Hopkins Bloomberg Sch of Public Health & Johns Hopkins Univ Sch of Med, Baltimore, MD; Howard N. Hodis, Keck Sch of Med, Univ of Southern California, Los Angeles, CA; Alan L. Landay, Rush Univ Medical Ctr, Chicago, IL; Kathryn Anastos, Robert C. Kaplan, Qibin Qi, Albert Einstein Coll of Med, Bronx, NY
- P187** **Increasing CVD and CVD Risk Among PLWHA in Louisiana 2002-2012**
Tekeda F. Ferguson, Xinnan Wang, Lauren Dyer, Susanne Straif-Bourgeois, Dayana Rojas, Patrick Maloney, Zhide Fang, LSU Health Science Ctr SPH, New Orleans, LA; Lynn Besch, LSU Health Science Ctr SOM, New Orleans, LA
- P188** **Differences in Statin Utilization for Persons Living With HIV (PLWH) and Uninfected Controls in the HIV Electronic Comprehensive Cohort of CVD Complications (HIVE-4CVD)**
Robert Riestenberg, Andrew Furman, Anna Pawlowski, Daniel Schneider, Chad J. Achenbach, Donald M. Lloyd-Jones, Matthew J. Feinstein, Northwestern Univ - Feinberg Sch, Chicago, IL
- P189** **Factors Associated With Stenosis on Invasive Coronary Angiography for Persons Living With Human Immunodeficiency Virus (PLWH): The HIV Electronic Comprehensive Cohort of CVD Complications (HIVE-4CVD)**
Andrew Furman, Robert Riestenberg, Anna Pawlowski, Daniel Schneider, Donald M. Lloyd-Jones, Matthew J. Feinstein, Northwestern Univ - Feinberg Sch, Chicago, IL

Poster Presentations (continued)

Infection

- P190** **Triggering of Coronary Heart Disease by Infection Type: The Atherosclerosis Risk in Communities Study**
Logan Cowan, Georgia Southern Univ, Statesboro, GA; Pamela Lutsey, Jim Pankow, Univ of Minnesota, Minneapolis, MN; Kunihiro Matsushita, Junichi Ishigami, Johns Hopkins Univ, Baltimore, MD; Kamakshi Lakshminarayan, Univ of Minnesota, Minneapolis, MN

Lipids & Lipoproteins

- P192** **Improving LDL Documentation and Control in Coronary Artery Disease Patients**
Mazen Omar, Abimbola Shofu, Bassam A Omar, Christopher Malozzi, G. Mustafa Awan, Univ of South Alabama, Mobile, AL
- P193** **High Density Lipoprotein is Superior to Triglyceride as a Biomarker of Physiologic Stress in African Immigrants: The Africans in America Study**
Rafeal L. Baker Jr., Jean N. Utumatwishima, Stephanie T. Chung, **Anne E. Sumner**, Natl Insts of Health, Bethesda, MD
- P194** **LDL-Cholesterol Reduction and Efficacy of Statin Intensity Over One Year in Veterans With the Familial Hypercholesterolemia Phenotype**
Saadia Qazi, Brigham and Women's Hosp, Boston, MA; Laura M. Tarko, Yuk-Lam Ho, Boston Veterans' Health Admin, Boston, MA; Senthil Selvaraj, Hosp of the Univ of Pennsylvania, Philadelphia, PA; Hyun J. Shin, Ariela R Orkaby, Brigham and Women's Hosp, Boston, MA; Jason L Vassy, Kelly Cho, David R. Gagnon, J. Michael Gaziano, Christopher J O'Donnell, Boston Veterans' Health Admin, Boston, MA; Luc Djousse, Brigham and Women's Hosp, Boston, MA; Peter W. Wilson, Atlanta Veterans' Health Admin, Atlanta, GA
- P195** **High-density Lipoprotein Subfractions Are Associated With Low-grade Inflammation, Insulin Resistance and Metabolic Syndrome Components: The Brazilian Longitudinal Study of Adult Health (ELSA-Brasil)**
Giuliano Generoso, Heart Inst (InCor), Univ of Sao Paulo Medical Sch, Sao Paulo, Brazil; Isabela J. Bensenor, Ctr for Clinical and Epidemiological Res, Univ Hosp, Univ of São Paulo, Sao Paulo, Brazil; Raul D. Santos, Lipid Clinic, Heart Inst (InCor), Univ of Sao Paulo Medical Sch, Sao Paulo, Brazil; Itamar S. Santos, Alessandra C. Goulart, Ctr for Clinical and Epidemiological Res, Univ Hosp, Univ of São Paulo, Sao Paulo, Brazil; Steven R. Jones, The Johns Hopkins Ciccarone Ctr for the Prevention of Heart Disease, Baltimore, MD; Krishnaji R. Kulkarni, VAP Diagnostics Lab, Birmingham, AL; Michael J. Blaha, Peter P. Toth, The Johns Hopkins Ciccarone Ctr for the Prevention of

Heart Disease, Baltimore, MD; Paulo A. Lotufo, Marcio S. Bittencourt, Ctr for Clinical and Epidemiological Res, Univ Hosp, Univ of São Paulo, Sao Paulo, Brazil

- P196** **A Large Genetic Effect of APOC3 A43T SNP on Serum Triglycerides is Mediated by Serum APO-CIII Levels in Amerindians**
Wen-Chi Hsueh, NIDDK, NIH, Phoenix, AZ; Mary F. Walter, NIDDK, NIH, Bethesda, MD; Anup Nair, Robert L. Hanson, NIDDK, NIH, Phoenix, AZ
- P197** **The Relationship Between Thyroid-Stimulating Hormone Levels and Lipoprotein Subfractions in the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil)**
Erique J. Peixoto-Miranda, Alessandra C. Goulart, Marcio S. Bittencourt, Univ of Sao Paulo, Sao Paulo, Brazil; Michael Blaha, Steven Jones, Johns Hopkins Univ, Baltimore, MD; Itamar S. Santos, Univ of Sao Paulo, Sao Paulo, Brazil; Peter Toth, Univ of Illinois, Chicago, IL; Krishnaji Kulkarni, Aterotech, Birmingham, AL; **Paulo A. Lotufo**, Isabela M. Bensenor, Univ of Sao Paulo, Sao Paulo, Brazil
- P198** **Diabetes Alters the Association Between High-density Lipoprotein Subfractions and Carotid Intima-media Thickness: The Brazilian Longitudinal Study of Adult Health (ELSA-Brasil)**
Giuliano Generoso, Heart Inst (InCor), Univ of Sao Paulo Medical Sch, Sao Paulo, Brazil; Isabela J. Bensenor, Itamar S Santos, Ctr for Clinical and Epidemiological Res, Univ Hosp, Univ of São Paulo, Sao Paulo, Brazil; Raul D. Santos, Lipid Clinic, Heart Inst (InCor), Univ of Sao Paulo Medical Sch, Sao Paulo, Brazil; Alessandra C. Goulart, Ctr for Clinical and Epidemiological Res, Univ Hosp, Univ of São Paulo, Sao Paulo, Brazil; Steven R. Jones, The Johns Hopkins Ciccarone Ctr for the Prevention of Heart Disease, Baltimore, MD; Krishnaji R. Kulkarni, VAP Diagnostics Lab, Birmingham, AL; Michael J. Blaha, Peter P. Toth, The Johns Hopkins Ciccarone Ctr for the Prevention of Heart Disease, Baltimore, MD; Paulo A. Lotufo, Marcio S Bittencourt, Ctr for Clinical and Epidemiological Res, Univ Hosp, Univ of São Paulo, Sao Paulo, Brazil
- P199** **Alcohol Consumption Modified the Effect of Leptin on Blood Lipids: A Mendelian Randomization Study**
Luqi Shen, Jose Cordero, Jia-Sheng Wang, Ye Shen, Changwei Li, Univ of Georgia, Athens, GA

Poster Presentations (continued)

Metabolomics/Proteomics and CVD

- P200 Elevated Triacylglycerols and Diacylglycerols had Association with Increased Carotid Arterial Stiffness, Independent of CVD Risk Factors, in Women with or at High Risk of HIV Infection**
Renato Quispe, Simin Hua, Albert Einstein Coll of Med, Bronx, NY; Clary Clish, Justin Scott, Amy Deik, Broad Inst, Cambridge, MA; David B. Hanna, Kathryn Anastos, Mario J. Garcia, Robert Kaplan, Jorge R. Kizer, Qibin Qi, Albert Einstein Coll of Med, Bronx, NY
- P201 Associations of Plasma Acylcarnitines With Incident Carotid Artery Plaque in Individuals With or at Risk of HIV Infection**
Simin Hua, Albert Einstein Coll of Med, Bronx, NY; Clary Clish, Justin Scott, Broad Inst of MIT and Harvard, Cambridge, MA; David Hanna, Albert Einstein Coll of Med, Bronx, NY; Sabina Haberen, Johns Hopkins Univ, Baltimore, MD; Sanjiv Shah, Northwestern Univ, Chicago, IL; Howard Hodis, Univ of Southern California, Los Angeles, CA; Alan Landy, Rush Univ, Chicago, IL; Wendy Post, Johns Hopkins Univ, Baltimore, MD; Kathryn Anastos, Robert Kaplan, Qibin Qi, Albert Einstein Coll of Med, Bronx, NY
- P202 Non-targeted Metabolomics Study Identify Multiple Metabolites Associated With Body Mass Index**
Shengxu Li, Tulane Univ, New Orleans, LA; Changwei Li, Univ of Georgia at Athens, Athens, GA; Tanika N. Kelly, Xiaoying Gu, Xiao Sun, Lydia Bazzano, Wei Chen, Paul K. Whelton, Jiang He, Tulane Univ, New Orleans, LA
- P203 Serum Metabolites Associate With Blood Pressure Phenotypes in the Bogalusa Heart Study**
William He, Johns Hopkins Univ, Baltimore, MD; Changwei Li, Univ of Georgia, Athens, GA; Xuenan Mi, Shengxu Li, Lydia Bazzano, Wei Chen, Jiang He, Tanika Kelly, Tulane Univ, New Orleans, LA
- P204 Growth and Moderators of Pulse Wave Velocity From Childhood to Adulthood**
Xiaohua Liang, Ministry of Education Key Lab of Child Development and Disorders, Key Lab of Pediatrics in Chongqing, Chongqing Intl Science and Technology Cooperation Ctr for Child Development and Disorders, Chongqing, China; Shaoyong Su, Guang Hao, Georgia Prevention Inst, Medical Coll of Georgia, Augusta Univ, Augusta, GA; Harold Snieder, Dept of Epidemiology, Univ Medical Ctr Groningen, Univ of Groningen, Groningen, Netherlands; Frank Treiber, Coll of Nursing, Medical Univ of South Carolina, Charleston, SC; Gaston Kapuku, Xiaoling Wang, Georgia Prevention Inst, Medical Coll of Georgia, Augusta Univ, Augusta, GA

Methodology

- P205 Quality of Reporting and Methods of Systematic Reviews and Meta-analysis Addressing High-intensity Interval Training Efficacy on Cardiorespiratory Fitness: A Meta-Epidemiological Study**
Lucas Helal, Graduation Program on Cardiology and Cardiovascular Sciences, Hosp de Clinicas de Porto Alegre, Federal Univ of Rio Grande do Sul, Porto Alegre, Brazil; Cintia E. Botton, Health Technology Assessment Inst, Hosp de Clinicas de Porto Alegre, Federal Univ of Rio Grande do Sul, Porto Alegre, Brazil; Marlos R. Domingues, Kinesiology Sch, Federal Univ of Pelotas, Pelotas, Brazil; Daniel Umpierre, Graduation Program on Cardiology and Cardiovascular Sciences, Hosp de Clinicas de Porto Alegre, Nursery Sch, Federal Univ of Rio Grande do Sul, Porto Alegre, Brazil
- P206 The Risk for Cardiovascular Disease Attributable to Traditional Risk Factors Increases**
Susanne Rospleszcz, Barbara Thorand, Tonia de las Heras Gala, Christa Meisinger, Rolf Holle, Helmholtz Zentrum Munchen, German Res Ctr for Environmental Health, Neuherberg, Germany; Wolfgang Koenig, German Heart Ctr Munich, Technical Univ of Munich, Munich, Germany; Annette Peters, Helmholtz Zentrum Munchen, German Res Ctr for Environmental Health, Neuherberg, Germany
- P207 An Interpretation-Friendly Approach for Model Comparison of Risk Scores for Adult Obesity in the International Childhood Cardiovascular Cohort (I3c) Consortium**
Tian Hu, Univ of Minnesota SPH, Minneapolis, MN; Alan Sinaiko, Univ of Minnesota, Minneapolis, MN; Jessica Woo, Cincinnati Children's Hosp, Cincinnati, OH; Trudy Burns, The Univ of Iowa Coll of Public Health, Iowa City, IA; Julia Steinberger, Univ of Minnesota, Minneapolis, MN; Lydia Bazzano, Tulane Univ SPHTM, New Orleans, LA; Elaine Urbina, Nanhua Zhang, Cincinnati Children's Hosp, Cincinnati, OH; Costan Magnussen, Alison Venn, Univ of Tasmania, Hobart, Australia; Markus Juonala, Olli Raitakari, Univ of Turku, Turku, Finland; Stephen Daniels, Univ of Colorado Sch of Med, Denver, CO; Terence Dwyer, Oxford Univ, Oxford, United Kingdom; David Jacobs Jr., Univ of Minnesota SPH, Minneapolis, MN
- P208 Validation of a New Cardiovascular Risk Model: Performance of a Neural Network and the ACC/AHA Pooled Cohort Equations Across Four Diverse US Prospective Cohort Studies**
Stan Biryukov, Ashkan Afshin, IHME, Seattle, WA

Poster Presentations (continued)

- P209 Heterogeneity of Absolute/Relative Measures of Cardiovascular Mortality Among Cohorts in an Individual Participant Data Meta-Analysis: An EPOCH-JAPAN Study**
Yoshitaka Murakami, Toho Univ, Ota-ku, Japan; Tomonori Okamura, Keio Univ, Shinjuku-ku, Japan; Katsuyuki Miura, Hirotsugu Ueshima, Shiga Univ of Medical Science, Otsu, Japan; EPOCH-JAPAN Research investigators
- P211 A Method to Impute Life-course Trajectories of Cardiovascular Risk Factors from Pooled Cohorts Data**
Yiyi Zhang, Columbia Univ, New York, NY; Eric Vittinghoff, Mark J. Pletcher, Univ of California, San Francisco, CA; Norrina B. Allen, Northwestern Univ, Chicago, IL; Adina Zeki Al Hazzouri, Univ of Miami, Miami, FL; Kristine Yaffe, Univ of California San Francisco, San Francisco, CA; Pallavi B. Balte, Columbia Univ, New York, NY; Alvaro Alonso, Emory Univ, Atlanta, GA; Anne B. Newman, Diane G. Ives, Univ of Pittsburgh, Pittsburgh, PA; Jamal S. Rana, Kaiser Permanente Oakland Medical Ctr, Oakland, CA; Donald Lloyd-Jones, Northwestern Univ, Chicago, IL; Ramachandran S. Vasani, Boston Univ, Boston, MA; Elizabeth C. Oelsner, Andrew E. Moran, Columbia Univ, New York, NY
- P212 Combined Analysis of Longitudinal Cohorts With Case-only Sample Sets for Detecting Genetic Effects on Venous Thromboembolism in Topmed**
Amanda A. Seyerle, Univ of Minnesota, Minneapolis, MN; Brandon Coombes, Mayo Clinic, Rochester, MN; Cecelia A. Laurie, Univ of Washington, Seattle, WA; Tamar Sofer, Brigham and Women's Hosp, Boston, MA; Nicholas L. Smith, Univ of Washington, Seattle, WA; Weihong Tang, Univ of Minnesota, Minneapolis, MN; Mariza de Andrade, Mayo Clinic, Rochester, MN; Charles Kooperberg, Fred Hutchinson Cancer Res Ctr, Seattle, WA; James Pankow, Univ of Minnesota, Minneapolis, MN; Ken Rice, Univ of Washington, Seattle, WA; Barbara McKnight, Cathy C. Laurie, Univ of Washington, Seattle, WA
- Nutrition**
- P213 Change in Diet Quality and Risk of Incident Diabetes: The Atherosclerosis Risk in Communities Study**
Zhe Xu, Johns Hopkins Univ, Baltimore, MD; Lyn M. Steffen, Univ of Minnesota, Minneapolis, MN; Elizabeth Selvin, Casey M. Rebholz, Johns Hopkins Univ, Baltimore, MD
- P214 Dietary Adherence and Dietary Quality Are Associated With Weight Loss Success Among Those Following Low-fat and Low-carbohydrate Diets**
Michelle E. Hauser, Jennifer Hartle, FeiFei Qin, Joseph Rigdon, Liana Del Gobbo, Cindy Shih, Christopher D. Gardner, Stanford Univ, Palo Alto, CA
- P215 Plasma and Dietary Linoleic Acid and Diabetes Incidence After Myocardial Infarction**
Marjolein C. Harbers, Kamalita Pertiwi, Sabita S. Soedamah-Muthu, Janette de Goede, Famke J. Mölenberg, Wageningen Univ and Res, Wageningen, Netherlands; Anne J. Wanders, Peter L. Zock, Unilever Res and Development, Vlaardingen, Netherlands; Daan Kromhout, Wageningen Univ and Res; Dept of Epidemiology, Univ Medical Ctr Groningen, Wageningen; Groningen, Netherlands; Johanna M. Geleijnse, Wageningen Univ and Res, Wageningen, Netherlands
- P216 Elevated Blood Glutathione Does Not Reduce Arterial Stiffness or Central Blood Pressure in Healthy Males and Females**
Brianna K. Bruggeman, Katharine E. Storo, Haley M. Fair, Andrew J. Wommack, James M. Smoliga, Colin R. Carriker, High Point Univ, High Point, NC
- P217 Dietary Habits Associated With 6- and 24-month Weight Loss Maintenance in Primary Care Patients**
Bethany Barone Gibbs, Dana Tudorascu, Cindy Bryce, Diane Comer, Gary Fischer, Univ of Pittsburgh, Pittsburgh, PA; Rachel Hess, Univ of Utah, Salt Lake City, UT; Kimberly Huber, Kathleen McTigue, Laurey Simkin-Silverman, Univ of Pittsburgh, Pittsburgh, PA; Margaret B Conroy, Univ of Utah, Salt Lake City, UT
- P218 Fish Consumption is Not Associated With the Risk of Coronary Heart Disease or Stroke**
Rachel E. Ward, Kelly Cho, Rachel M. Quaden, Xuan-Mai T Nguyen, Yuk-Lam Ho, Jason Vassy, David R. Gagnon, Massachusetts Veterans Epidemiology Res and Information Ctr (MAVERIC), VA Boston Healthcare System, Boston, MA; Peter Wilson, Atlanta VA Medical Ctr, Decatur, GA; J. Michael Gaziano, Luc Djousse, Massachusetts Veterans Epidemiology Res and Information Ctr (MAVERIC), VA Boston Healthcare System, Boston, MA; on behalf of the VA Million Veteran Program
- P219 Changes in Dental Health and Coronary Heart Disease Risk: Two Prospective Cohort Studies in Men and Women**
Yoriko Heianza, Dianjianyi Sun, Eric B. Rimm, Dept of Epidemiology, Sch of Public Health and Tropical Med, Tulane Univ, New Orleans, LA; JoAnn E. Manson, Dept of Epidemiology, Harvard T. H. Chan Sch of Public Health; 5.Div of Preventive Med, Dept of Med, Brigham and Women's Hosp and Harvard Medical Sch, Boston, MA; Kaumudi J. Joshipura, Ctr for Clinical Res and Health Promotion, Sch of Dental Med, Univ of Puerto Rico, San Juan, Puerto Rico; Lu Qi, 3.Dept of Nutrition, Harvard T. H.

Poster Presentations (continued)

- Chan Sch of Public Health, Boston, MA; Dept of Epidemiology, Sch of Public Health and Tropical Med, Tulane Univ, New Orleans, LA
- P220** **Elevated De Novo Lipogenesis Fatty Acids and Lower Omega-6 Fatty Acids Are Associated With Markers of Insulin Resistance and Respond to Changes in Dietary Carbohydrate Intake in Overweight Individuals on Weight Loss Diets**
Kristina H. Jackson, William S. Harris, OmegaQuant Analytics LLC, Sioux Falls, SD; Christopher D. Gardner, Stanford Univ Medical Sch, Stanford, CA
- P221** **Combined Low Vitamin D and K Status is Associated With Greater Left Ventricular Mass**
Sharon Remmelzwaal, Joline Beulens, Petra J. Elders, Jacqueline M. Dekker, VU Medical Ctr, Amsterdam, Netherlands; Coen D. Stehouwer, Maastricht Univ Medical Ctr, Maastricht, Netherlands; **Hanne Van Ballegooijen**, VU Medical Ctr, Amsterdam, Netherlands
- P222** **Consumption of Sugar-Sweetened Beverages, but Not 100% Fruit Juice, is Associated With Fasting High-density Lipoprotein and Triglyceride Concentrations in U.S. Adults**
Danielle E. Haslam, Nutritional Epidemiology Program, Jean Mayer U.S. Dept of Agriculture Human Nutrition Res Ctr on Aging, Tufts Univ, Boston, MA; Mark A. Herman, Div Of Endocrinology, Metabolism, and Nutrition, Dept of Med, Duke Univ Sch of Med, Durham, NC; Josée Dupuis, Dept of Biostatistics, Boston Univ Sch of Public Health, Boston, MA; Alice H. Lichtenstein, Cardiovascular Nutrition Lab, Jean Mayer U.S. Dept of Agriculture Human Nutrition Res Ctr on Aging, Boston, MA; Gina M. Peloso, Dept of Biostatistics, Boston Univ Sch of Public Health, Boston, MA; Caren E. Smith, Nutrition and Genomics Lab, Jean Mayer U.S. Dept of Agriculture Human Nutrition Res Ctr on Aging, Boston, MA; Nicola M. McKeown, Nutritional Epidemiology Program, Jean Mayer U.S. Dept of Agriculture Human Nutrition Res Ctr on Aging, Tufts Univ, Boston, MA
- P223** **Cardiometabolic Disease Costs Associated With an Unhealthy Diet in the United States**
Thiago Jardim, Brigham and Women's Hosp, Boston, MA; Dariush Mozaffarian, Friedman Sch of Nutrition Science and Policy, Tufts Univ, Boston, MA; Shafika Abrahams-Gessel, Stephen Sy, Ctr for Health Decision Science, Harvard T. H. Chan Sch of Public Health, Boston, MA; Yujin Lee, Liu Junxiu, Yue Huang, Parke Wilde, Renata Micha, Friedman Sch of Nutrition Science and Policy, Tufts Univ, Boston, MA; Thomas Gaziano, Brigham and Women's Hosp, Boston, MA
- P224** **Higher Fruit and Vegetable Intake Was Associated With Lower Total and Cause-Specific Mortality in a Nonlinear Dose-Response Manner**
Dong D. Wang, Shilpa N. Bhupathiraju, Yanping Li, Bernard A. Rosner, Qi Sun, Eric B. Rimm, Harvard Sch of Public Health, Boston, MA; JoAnn E. Manson, Harvard Medical Sch, Boston, MA; Walter C. Willett, Frank B. Hu, Harvard Sch of Public Health, Boston, MA
- P225** **The Associations of Dietary and Biomarkers of Linoleic Acid Intake and All-cause and Cardiovascular Mortality: A Systematic Review and Meta-analysis**
Jun Li, Marta Guasch-Ferré, Yanping Li, Frank Hu, Harvard T. H. Chan Sch of Public Health, Boston, MA
- P226** **HEalth Nutritional Index (HENI): A Health Burden Based Tool for Food and Diet Nutritional Evaluation**
Katerina Stylianou, Univ of Michigan, Ann Arbor, MI; Victor L. Fulgoni III, Nutrition Impact, LLC, Battle Creek, MI; Olivier Jolliet, Univ of Michigan, Ann Arbor, MI
- P227** **Circulating and Dietary Linoleic Acid and Prevalent Diabetes in Post-Myocardial Infarction Patients**
Kamalita Pertiwi, Wageningen Univ and Res, Wageningen, Netherlands; Anne J. Wanders, Peter L. Zock, Unilever Res and Development, Vlaardingen, Netherlands; Marjolein C. Harbers, Johanna M. Geleijnse, Wageningen Univ and Res, Wageningen, Netherlands
- P228** **Milkfat Consumption, Dyslipidemia, and Body Weight in Children**
Ahlia Sekkarie, Janet Figueroa, Emory University, Atlanta, GA; Caroline Um, American Cancer Society, Atlanta, GA; Jean Welsh, Emory University, Atlanta, GA
- P229** **Cost-Effectiveness of a US National Sugar-Sweetened Beverage Tax Using a Multi-Stakeholder Approach**
Parke Wilde, Yue Huang, Tufts Univ, Boston, MA; Stephen Sy, Shafika Abrahams-Gessel, Thiago V. Jardim, Brigham and Women's Hosp, Boston, MA; Robert Paarlberg, Harvard Kennedy Sch, Cambridge, MA; Dariush Mozaffarian, Renata Micha, Tufts Univ, Boston, MA; Tom A. Gaziano, Brigham and Women's Hosp, Boston, MA
- P230** **Vitamin E Supplementation and Cardiovascular Disease: Is There Effect Modification by Baseline Diet Quality and Vitamin E Intake?**
Susanne Rautiainen, J. Michael Gaziano, William G. Christen, Vadim Bubes, Gregory Kotler, Robert J. Glynn, JoAnn E. Manson, Julie E. Buring, Howard D. Sesso, Brigham and Womens Hosp, Boston, MA

Poster Presentations (continued)

- P231 Alcohol Consumption and Hospitalization Risk: Prospective Results From the Moli-sani Study**
Simona Costanzo, Dept of Epidemiology and Prevention, IRCCS INM NEUROMED, Pozzilli, Italy; Kenneth J. Mukamal, Dept of Med, Beth Israel Deaconess Medical Ctr, Boston, MA; Augusto Di Castelnuovo, Dept of Epidemiology and Prevention, IRCCS INM NEUROMED, Pozzilli, Italy; Marco Olivieri, Computer Service, Univ of Molise, Campobasso, Italy; Marialaura Bonaccio, Amalia De Curtis, Mariarosaria Persichillo, Chiara Cerletti, Maria Benedetta Donati, Giovanni de Gaetano, Licia Iacoviello, Dept of Epidemiology and Prevention, IRCCS INM NEUROMED, Pozzilli, Italy; on behalf of the Moli-sani Study Investigators
- P232 Changes in Diet, Lifestyle Behaviors, and Body Weight Over Two Years in Mexican Women**
Martha Tamez, Josiemer Mattei, Harvard T. H. Chan Sch of Public Health, Boston, MA; Adriana Monge, Ruy López-Ridaura, Martin Lajous, Natl Inst of Public Health, Cuernavaca, Mexico
- P234 Dairy Fat Intake and Risk of Type 2 Diabetes in 3 Cohorts of US Adults**
Andres Ardisson Korat, Frank B. Hu, Qi Sun, Harvard T. H. Chan Sch of Public Health, Boston, MA
- P235 Sugar-Sweetened Beverage and Food Intake and Mortality Risk Among U.S. Adults**
Lindsay Collin, Emory Univ, Atlanta, GA; Monika Safford, Cornell Univ, New York, NY; Viola Vaccarino, **Jean A. Welsh**, Emory Univ, Atlanta, GA
- P236 Association Between Alcohol and Ideal Cardiovascular Health: The Multi-Ethnic Study of Atherosclerosis**
Oluseye Ogunmoroti, Baptist Health South Florida, Miami, FL; Olatokunbo Osibogun, Florida Intl Univ, Miami, FL; Robyn L. McClelland, Dept of Biostatistics, Univ of Washington, Seattle, WA; Erin D. Michos, The Johns Hopkins Ciccarone Ctr for the Prevention of Heart Disease, Baltimore, MD; Gregory L. Burke, Wake Forest Sch of Med, Winston-Salem, NC; Khurram Nasir, Baptist Health South Florida, Miami, FL
- P237 Moderate and Heavy Alcohol Consumption Are Associated With Decreased Systolic Function After 8 Years of Follow-up**
Hanne Van Ballegooijen, Petra J. Elders, VU Medical Ctr, Amsterdam, Netherlands; Coen D. Stehouwer, Maastricht Univ Medical Ctr, Maastricht, Netherlands; Jacqueline M. Dekker, Joline Beulens, VU Medical Ctr, Amsterdam, Netherlands
- P238 Remission/Cure of Autoimmune Diseases by a Lectin Limite Diet Supplemented With Probiotics, Prebiotics, and Polyphenols**
Steven R. Gundry, The Intl Heart and Lung Inst, Palm Springs, CA
- P239 Adipose Tissue Palmitoleic Acid is Inversely Associated With Nonfatal Acute Myocardial Infarction in the Costa Rica Heart Study**
Danny Luan, Dongqing Wang, Univ of Michigan SPH, Ann Arbor, MI; Hannia Campos, Harvard T. H. Chan SPH, Boston, MA; Ana Baylin, Univ of Michigan SPH, Ann Arbor, MI
- P240 Eating Behavior and Body Composition in Chilean Young Adults: Results From the Santiago Longitudinal Study**
Lorena S. Pacheco, Univ of California, San Diego-San Diego State Univ Joint Doctoral Program in Public Health, La Jolla, CA; Estela Blanco, Div of Child Development and Community Health, Dept of Pediatrics, Univ of California, San Diego, La Jolla, CA; Raquel Burrows, Paulina Correa-Burrows, Public Health Nutrition Unit, Inst of Nutrition and Food Technology, Univ of Chile, Santiago, Chile; Jose L. Santos, Dept of Nutrition, Diabetes & Metabolism, Sch of Med, Pontificia Univ Católica de Chile, Santiago, Chile; Sheila Gahagan, Div of Child Development and Community Health, Dept of Pediatrics, Univ of California, San Diego, La Jolla, CA
- P241 Culinary Herbs and Spices and the Effects on Cardiovascular Disease Risk Factors in Adults**
Savannah E. Maxwell, **Kacie M. Dickinson**, Flinders Univ, Adelaide, Australia
- P242 Dietary Nitrate Does not Reduce Resting Metabolic Rate or Oxidative Stress in Healthy Males**
Haley M. Fair, High Point Univ, High Point, NC; Caleb D. Harrison, Evan J. Bockover, Brycen J. Ratcliffe, Sierra Crowe, Indiana State Univ, Terre Haute, IN; Francisco J. Morales, The Univ of Texas at El Paso, El Paso, TX; Katharine E. Storo, High Point Univ, High Point, NC; Alvaro N. Gurovich, The Univ of Texas at El Paso, El Paso, TX; Colin R. Carriker, High Point Univ, High Point, NC
- P243 Endothelial Function, Arterial Stiffness and Central Blood Pressure are Not Affected by a Single Dose of Dietary Nitrate in Healthy Normotensive Females**
Katharine E. Storo, High Point Univ, High Point, NC; Caleb D. Harrison, Evan J. Bockover, Brycen J. Ratcliffe, Sierra Crowe, Indiana State Univ, Terre Haute, IN; Francisco J. Morales, The Univ of Texas at El Paso, El Paso, TX; Haley M. Fair, High Point Univ, High Point, NC; Alvaro N. Gurovich, The Univ of Texas at El Paso, El Paso, TX; Colin R. Carriker, High Point Univ, High Point, NC

Poster Presentations (continued)

- P244 Relations Between Residential Fast-food Environment and Individual Risk of Cardiovascular Disease**
Ilonca Vaartjes, **Ilonca Vaartjes**, UMC Utrecht, Utrecht, Netherlands; Maartje Poelman, Utrecht Univ, Utrecht, Netherlands; Maartje Poelman, UMC Utrecht, Utrecht, Netherlands
- P245 High Consumption of Caffeinated Tea is Associated With Increased Risk of Coronary Artery Disease but Caffeinated Coffee Consumption is Not**
Sarah G. Wolfrum, Xuan-Mai T. Nguyen, Rachel E. Ward, Yuk-Lam Ho, Rebecca J. Song, David R. Gagnon, Kelly Cho, J. Michael Gaziano, VA Boston Healthcare System, Boston, MA; Luc Djousse, VA Boston Healthcare System on behalf of the VA Million Veteran Program, Boston, MA
- P246 Dietary Minerals and Metabolic Syndrome: Results From the Hispanic Community Health Study/Study of Latinos (HCHS/SOL)**
Catherine M. Bulka, Martha L. Daviglius, Univ of Illinois at Chicago, Chicago, IL; Daniela Sotres-Alvarez, Univ of North Carolina, Chapel Hill, NC; Ramon A. Durazo-Arvizu, Loyola Univ, Chicago, IL; Yasmin Mossavar-Rahmani, Albert Einstein Coll of Med, New York, NY; Victoria W. Persky, Maria Argos, Univ of Illinois at Chicago, Chicago, IL
- P247 Under-reporters of Caloric Intake Have Worst Cardiometabolic Risk Profile Among Children at Risk of Obesity**
Karine Suissa, Andrea Benedetti, McGill Univ, Montreal, QC, Canada; Melanie Henderson, Ctr Hospier Univre Sainte-Justine and Faculty of Med Univ de Montréal, Montreal, QC, Canada; Katherine Gray-Donald, Gilles Paradis, McGill Univ, Montreal, QC, Canada
- P248 Nightly Fasting Duration is Associated With Cardiometabolic Risk Profiles Among Hispanic/Latina Women in the Hispanic Community Health Study/Study of Latinos**
Nour Makarem, Brooke Aggarwal, Marie-Pierre St-Onge, Columbia Univ Medical Ctr, New York, NY; Dorothy D. Sears, Univ of California, San Diego, San Diego, CA; Sheila F. Castaneda, San Diego State Univ, San Diego, CA; Catherine R. Marinac, Harvard Univ, Boston, MA; Gregory A. Talavera, San Diego State Univ, San Diego, CA; Daniela Sotres-Alvarez, Univ of North Carolina, Chapel Hill, NC; Melawhy L. Garcia, Univ of California, San Diego, San Diego, CA; Linda C. Gallo, San Diego State Univ, San Diego, CA
- P382 Canola and High-Oleic Acid Canola Oils Improve Lipid/Lipoprotein Parameters Compared to an Oil Blend Characteristic of a Western Dietary Pattern in Individuals at Risk for Metabolic Syndrome: A Randomized Crossover Clinical Trial**
Kate J. Bowen, Penny M. Kris-Etherton, Sheila G. West, Jennifer A. Fleming, The Pennsylvania

State Univ, University Park, PA; Philip W. Connelly, Univ of Toronto, Toronto, ON, Canada; Benoît Lamarche, Patrick Couture, Laval Univ, Québec, QC, Canada; David J. Jenkins, Univ of Toronto, Toronto, ON, Canada; Carla Taylor, Peter Zahradka, St. Boniface Hosp Albrechtsen Res Ctr & Univ of Manitoba, Winnipeg, MB, Canada; Shatha S. Hammad, Jyoti Sihag, Xiang Chen, Univ of Manitoba, Winnipeg, MB, Canada; Valérie Guay, Julie Maltais-Giguère, Laval Univ, Québec, QC, Canada; Danielle Perera, Angela Wilson, St. Boniface Hosp Albrechtsen Res Ctr, Winnipeg, MB, Canada; Sandra Castillo, Peter J. Jones, Univ of Manitoba, Winnipeg, MB, Canada

Obesity and Adipose Tissue Distribution

- P249 Differential Response to a Lifestyle Intervention Between Parents and Non-parents**
Carolyn T. Bramante, Rachel L. Thornton, **Scott J. Pilla**, Nisa Maruthur, Maya Venkataramani, Jeanne M. Clark, Johns Hopkins Sch of Med, Baltimore, MD
- P250 Insulin Resistance During Pregnancy is Inversely Associated With Gynoid Fat Distribution Postpartum**
Katherine H. Ingram, **Roxanna Lopez**, Kennesaw State Univ, Kennesaw, GA
- P251 Relationship Between Body Size of Social Network Members and Body Size Norms of South Asian Adults**
Nicola Lancki, Juned Siddique, Northwestern Univ, Chicago, IL; John A Schneider, Univ of Chicago, Chicago, IL; Alka M. Kanaya, Univ of California, San Francisco, CA; Swapna Dave, Ankita Puri, Northwestern Univ, Chicago, IL; Kayo Fujimoto, Univ of Texas Medical Ctr, Houston, TX; **Namratha R. Kandula**, Northwestern Univ, Chicago, IL
- P252 The Effects of Sodium Reduction on Metabolism and Thirst**
Stephen P. Juraschek, Beth Israel Deaconess Medical Ctr, Boston, MA; Edgar R. Miller III, Johns Hopkins Univ, Baltimore, MD; Alexander Chang, Geisinger Health System, Danville, PA; Cheryl Anderson, Univ of San Diego, La Jolla, CA; John E. Hall, Univ of Mississippi Medical Ctr, Jackson, MS; Lawrence J. Appel, Johns Hopkins Univ, Baltimore, MD
- P253 Adiposity Indicators and Blood Pressure in South Asian Children and Adolescents**
Adeleke Fowokan, Simon Fraser Univ, Vancouver, BC, Canada; Zubin Punthakee, McMaster Univ, Hamilton, ON, Canada; Scott Lear, Simon Fraser Univ, Vancouver, BC, Canada

Poster Presentations (continued)

- P254** **Is Obesity Associated With the Predicted 6-Month Mortality in Patients With Atrial Fibrillation and Acute Coronary Syndrome?**
Roseann Chesler, Daniel Fung, Haroon Kamran, Erdal Cavusoglu, Judith E. Mitchell, Suny Downstate Medical Ctr, Brooklyn, NY
- P255** **Long-term Associations Between Non-High Density Lipoprotein and Apolipoprotein B in Young Adulthood and Coronary Artery Calcification in Adults With Nonalcoholic Fatty Liver Disease in Middle Age: The CARDIA Study**
Lisa B. Vanwagner, John T. Wilkins, Hongyan Ning, Norrina B. Allen, Juned Siddique, Northwestern Univ, Chicago, IL; Cora E. Lewis, Univ of Alabama Birmingham, Birmingham, AL; Norah Terrault, Univ of California at San Francisco, San Francisco, CA; J. Jeff Carr, Vanderbilt Univ, Nashville, TN; Mary E. Rinella, Donald M. Lloyd-Jones, Northwestern Univ, Chicago, IL
- P256** **Stability of Obesity and Metabolic Health and the Risk of Cardiovascular Disease**
Todd Sponholtz, Justin B. Echouffo-Tcheugui, Ramachandran S. Vasan, Boston Univ Sch of Med, Boston, MA
- P258** **Prevalence of Metabolically Healthy Obesity in US Adult Population: NHANES 1999-2014**
Tingting Liu, Changwei Li, Shengxu Li, Tulane Univ, New Orleans, LA
- P259** **Improvements in Diet Quality Are Associated With Reduced Abdominal Adiposetissue: A Prospective Study**
Rachel Hennein, Jiantao Ma, NHLBI, Framingham, MA; Michelle Long, Boston Univ, Boston, MA; Chunyu Liu, Daniel Levy, NHLBI, Framingham, MA
- P260** **Can Metabolic Syndrome Predict the Incidence of Silent Myocardial Infarction? An Analysis From the Atherosclerosis Risk in Communities (ARIC) Study**
Yong Shen, Stephanie Filipp, Matthew J. Gurka, Univ of Florida, Gainesville, FL; Mark D. DeBoer, Univ of Virginia, Charlottesville, VA; Thomas A. Pearson, Univ of Florida, Gainesville, FL
- P261** **Associations of Left Ventricular Mass, Total Body Weight, and Fat-Free Mass With Body Mass Index: The Framingham Heart Study**
Philimon N. Gona, Univ of Massachusetts, Boston, Boston, MA; Jane J. Lee, Boston Children's Hosp, Boston, MA; Carol J. Salton, Beth Israel Deaconess Medical Ctr, Boston, MA; Saadia Qazi, Christopher J. O'Donnell, Boston VAMC, Boston, MA; Warren J Manning, **Michael L. Chuang**, Beth Israel Deaconess Medical Ctr, Boston, MA
- P262** **Association of Weight History With Risk of Diabetes**
Molly Jung, Casey M. Rebholz, Johns Hopkins Univ, Baltimore, MD; June Stevens, Univ of North Carolina in Chapel Hill, Chapel Hill, NC; Josef Coresh, Chiadi Ndumele, Johns Hopkins Univ, Baltimore, MD
- P263** **Acid-Base Status as a Modifier of Loss of Lean Mass During Intentional Weight Loss in Older Adults**
Snezana Petrovic, Iris Leng, Michael P. Walkup, Walter T. Ambrosius, W. Jack Rejeski, Barbara J. Nicklas, Wake Forest Sch Med, Winston Salem, NC
- P264** **Six-Year Incidence of Overweight and Obesity Among Diverse Hispanic/Latino Adults in the US: The Hispanic Community Health Study/ Study of Latinos**
Amber Pirzada, Univ of Illinois at Chicago, Chicago, IL; Ramon A. Durazo-Arvizu, Loyola Univ, Chicago, IL; Daniela Sotres-Alvarez, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Carmen R. Isasi, Albert Einstein Coll of Med, Bronx, NY; Maria Argos, Univ of Illinois at Chicago, Chicago, IL; Sheila F. Castaneda, Linda C. Gallo, San Diego State Univ, San Diego, CA; Melawhy L. Garcia, Univ of California, San Diego, San Diego, CA; Krista M. Perreira, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Mary Turyk, Univ of Illinois at Chicago, Chicago, IL; Linda Van Horn, Northwestern Univ, Chicago, IL; Donghong Wu, Victoria W. Persky, Martha L. Daviglius, Univ of Illinois at Chicago, Chicago, IL
- P380** **Impact of Gain or Loss of Individual Fat Depots on Cardiac Structure and Function: The Dallas Heart Study**
Bryan R. Wilner, Ambarish Pandey, Colby R. Ayers, Gloria L. Vega, Scott M. Grundy, Sonia Garg, Susan Matulevicius, Ron Peshock, Mark H. Drazner, Ian J. Neeland, UT Southwestern, Dallas, TX

Other

- P265** **Cancer Risk in Persons After a Diagnosis of Clinical Cardiovascular Disease: The Atherosclerosis Risk in Communities (ARIC) Study**
Yejin Mok, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Roberta Florido, Johns Hopkins Ciccarone Ctr for the Prevention of Heart Disease, Johns Hopkins Univ Sch of Med, Baltimore, MD; Elizabeth Selvin, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Anna Prizment, Div of Epidemiology and Community Health, Sch of Public Health, Univ of Minnesota, Minneapolis, MN; Corinne E Joshi, Elizabeth A Platz, Kunihiro Matsushita, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD

Poster Presentations (continued)

P266 Prevalence and Risk Factors of Thyroid Dysfunction in Older Adults in the Community
Nermin Diab, Natalie Daya, Stephen P. Juraschek, Seth Martin, John W. McEvoy, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Ulla T. Schultheiß, Anna Köttgen, Univ of Freiburg Faculty of Med, Freiburg, Germany; Elizabeth Selvin, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD

P267 Brain Health and Ideal Cardiovascular Health. The Polish Norwegian Study (PONS)
Georgeta Vaidean, Fairleigh Dickinson Univ, Florham Park, NJ; Marta Manczuk, The Cancer Epidemiology Div, Cancer Ctr and Inst of Oncology, Warsaw, Poland

Peripheral Artery Disease and Venous Thrombosis

P268 High Large and Small Artery Elasticity Indexes Decrease the Risk to Develop Hypertension in Women: Skaraborg Hypertension Project
Bledar Daka, Margareta I. Hellgren, Dept of Family Med, Göteborg, Sweden; Lennart Råstam, Dept Clin Sci, Malmö, Lund, Sweden; Ulf Lindblad, Dept of Family Med, Göteborg, Sweden

P269 Cardio-Ankle Vascular Index and the Risk of Cardiovascular Outcomes and All-cause Mortality: A Systematic Review
Kunihiro Matsushita, **Ning Ding**, Esther Kim, Johns Hopkins Univ, Baltimore, MD

P270 Body Size Throughout the Life Course and Risk of Venous Thromboembolism
Kaitlin A. Hagan, Brigham and Women's Hosp and Harvard Medical Sch, Boston, MA; Laura B. Harrington, Jihye Kim, Harvard T. H. Chan Sch of Public Health, Boston, MA; Francine Grodstein, Brigham and Women's Hosp and Harvard Medical Sch, Boston, MA; Christopher Kabrhel, Massachusetts General Hosp and Harvard Medical Sch, Boston, MA

P271 Women's Reproductive History and Peripheral Arterial Disease in Late Life: The San Diego Population Study
Yamnia I. Cortes, Univ of Pittsburgh Graduate Sch of Public Health, Pittsburgh, PA; Nisha Parikh, Univ of California San Francisco, San Francisco, CA; Matthew A. Allison, Michael H. Criqui, Univ of California San Diego, San Diego, CA; Natalie Suder, Emma Barinas-Mitchell, Christina L. Wassel, Univ of Pittsburgh Graduate Sch of Public Health, Pittsburgh, PA

P272 Dietary Intake of Vitamin K and the Risk of Incident Pulmonary Embolism in the Nurses' Health Study
Laura B. Harrington, Harvard T. H. Chan Sch of Public Health, Boston, MA; Kenneth J. Mukamal, Dept of Med, Beth Israel Deaconess Medical Ctr, Boston, MA; Kaitlin A. Hagan, Jae H. Kang, Channing Div of Network Med, Dept of Med, Brigham & Women's Hosp/Harvard Medical Sch,

Boston, MA; Jihye Kim, Dept of Epidemiology, Harvard T. H. Chan Sch of Public Health, Boston, MA; Eric B. Rimm, Dept of Nutrition, Harvard T. H. Chan Sch of Public Health, Boston, MA; Christopher Kabrhel, Dept of Emergency Med, Massachusetts General Hosp and Harvard Medical Sch, Boston, MA; Majken K. Jensen, Dept of Nutrition, Harvard T. H. Chan Sch of Public Health, Boston, MA

Pharmacoepidemiology/ Pharmaceutical Clinical Trials

P273 Treatment Patterns Among Vorapaxar New Users in a US Outpatient Clinical Setting
Cathy Anne Pinto, Merck Res Labs, Rahway, NJ; Eileen Fonseca, Gregory P. Hess, Massimiliano Alfonzo Manzi, Symphony Health, Conshohocken, PA; John Acquavella, Aarhus Univ, Aarhus, Denmark

P274 Cross-sectional Analysis of Baseline Characteristics for New Users of Vorapaxar (PAR-1 Antagonist) and P2Y12 Inhibitors
Cathy Anne Pinto, Merck Res Labs, Rahway, NJ; Gregory P. Hess, Eileen Fonseca, Symphony Health, Conshohocken, PA; John Acquavella, Aarhus Univ, Aarhus, Denmark

P275 Prescription of PCSK9 Inhibitors in the United States, by Patient, Provider, and Payer Characteristics, 2016
Matthew Ritchey, CDC, Atlanta, GA; Stavros Tsiapas, AMA, Chicago, IL; Angela Thompson-Paul, CDC, Atlanta, GA; Kate Kirley, AMA, Chicago, IL; Fleetwood Loustalot, CDC, Atlanta, GA; Gregory Wozniak, AMA, Chicago, IL

Physical Activity/Fitness

P276 Activity Tracker Increases Daily Step Count Post-Cardiac Rehabilitation Compared to Placebo Device
Erica Schorr, Hilton Dahl, Alicia Sarkinen, Rebecca Brown, Univ of Minnesota, Minneapolis, MN

P277 Exercise is Associated With Social Network Characteristics Among South Asian Immigrants
Mitali Thanawala, Univ of Missouri, Kansas City, MO; Juned Siddique, Andrew Cooper, Northwestern Univ, Chicago, IL; John A. Schneider, Univ of Chicago, Chicago, IL; Swapna Dave, Northwestern Univ, Chicago, IL; Alka M. Kanaya, Univ of California, San Francisco, CA; **Namratha R Kandula**, Northwestern Univ, Chicago, IL

P278 Impaired Nighttime Sleep Negatively Effects Next-Day Physical Activity: Results From an Ecological Momentary Assessment Study
Christopher C. Imes, Christopher E. Kline, Dara D. Mendez, Ran Sun, Yang Yu, Eileen R. Chasens, Lora E. Burke, Univ of Pittsburgh, Pittsburgh, PA; Stephen L. Rathbun, Univ of Georgia, Athens, GA

Poster Presentations (continued)

- P279 Workplace Facilities and Policies Associated With Bicycling to Work Among Adults**
Anna K. Porter, Univ of North Carolina at Chapel Hill Gillings Sch of Global Public Health, Chapel Hill, NC; Harold W. Kohl III, Deborah Salvo, Univ of Texas Health Science Ctr at Houston Sch of Public Health in Austin, Austin, TX
- P280 Neighborhood Social Cohesion Does Not Moderate the Association of Neighborhood Walkability With Aerobic Physical Activity in Latino Adults: The National Health Interview Survey (NHIS) 2015**
Rosenda Murillo, Layton M. Reesor, Daphne C. Hernandez, Ezemenari M. Obasi, Univ of Houston, Houston, TX
- P281 All-cause and Cardiovascular Mortality in Men With High Levels of Physical Activity and Coronary Artery Calcification**
Laura F. Defina, The Cooper Inst, Dallas, TX; Nina B. Radford, Cooper Clinic, Dallas, TX; David Leonard, Stephen W. Farrell, Andjelka Pavlovic, Benjamin L. Willis, Carolyn E. Barlow, The Cooper Inst, Dallas, TX; Benjamin D. Levine, UT Southwestern, Dallas, TX
- P282 Cross-sectional Relationship Between Physical Activity and Cardiovascular Risk Factors in Kidney Transplant Patients: A Baseline Examination of the Folic Acid for Vascular Outcome Reduction in Transplantation (FAVORIT) Trial**
Augustine W. Kang, Brown Univ, Providence, RI; Carol E. Garber, Columbia Univ, New York, NY; Charles B. Eaton, Alpert Medical Sch of Brown Univ, Providence, RI; Patricia M. Risica, Brown Univ, Providence, RI; Andrew G. Bostom, Rhode Island Hosp, Providence, RI
- P283 Resistance Exercise Reduces the Risk of Developing Excess Body Fat and Abdominal Obesity**
Angelique G. Brellenthin, Duck-chul Lee, Iowa State Univ, Ames, IA; Xuemei Sui, Steven Blair, Univ of South Carolina, Columbia, SC
- P284 Cluster Analysis of Objectively Measured Physical Activity Patterns in Women in the mPEDTrial**
Yoshimi Fukuoka, Univ of California, San Francisco, San Francisco, CA; Mo Zhou, Univ of California, Berkeley, Berkeley, CA; Eric Vittinghoff, Univ of California, San Francisco, San Francisco, CA; William Haskell, Stanford Univ, Palo Alto, CA; Ken Goldberg, Univ of California, Berkeley, Berkeley, CA; Anil Aswani, Univ of California, Berkeley, San Francisco, CA
- P285 Potential Direct Medical Cost-Savings Attributable to Physical Activity in Major Disease Categories**
Zachary Rourk, Univ of Minnesota, Minneapolis, MN; Ivo Abraham, Univ of Arizona, Tucson, AZ; Thomas Olson, Mayo Clinic, Rochester, MN; Eric Snyder, Univ of Minnesota, Minneapolis, MN
- P286 Walking as a Source of Physical Activity for Cardiovascular Disease Prevention**
John D. Omura, Emily N. Ussery, Fleetwood Loustalot, Janet E. Fulton, Susan A. Carlson, Ctrs for Disease Control and Prevention, Atlanta, GA
- P287 Cardiorespiratory Fitness is Associated With Ambulatory Blood Pressure in Adolescents Eunduck Park**, Univ of Texas Health Science Ctr at Houston, Sch of Nursing, Houston, TX; Devin Volding, Univ of Texas Health Science Ctr at Houston, Sch of Public Health Alumni, Houston, TX; Wendell Taylor, Wenyaw Chan, Univ of Texas Health Science Ctr at Houston, Sch of Public Health, Houston, TX; Janet Meininger, Univ of Texas Health Science Ctr at Houston, Sch of Nursing and Sch of Public Health, Houston, TX
- P288 The Association Between Moderate to Vigorous Physical Activity and Health-Related Quality of Life Among Hispanic/Latino Adults in the Hispanic Community Health Study/ Study of Latinos (HCHS/SOL)**
Priscilla Vasquez, UCSD, San Diego, CA; Ramon Durazo-Arvizu, Loyola Univ, Chicago, IL; David Marquez, Maria Argos, UIC, Chicago, IL; Melissa Lamar, Rush Univ, Chicago, IL; Angela Odoms-Young, UIC, Chicago, IL; Hector Gonzalez, UCSD, San Diego, CA; Wassim Tarraf, Wayne State Univ, Detroit, MI; Daniela Sotres-Alvarez, Univ of North Carolina, Chapel Hill, NC; Rosie Murillo, Univ of Houston, Houston, TX; Sheila Castaneda, SDSU, San Diego, CA; Denise Vidot, Univ of Miami, Miami, FL; Krista Perreira, Univ of North Carolina, Chapel Hill, NC; Yasmin Mossavar-Rahmani, Einstein Coll of Med, Bronx, NY; Jianwen Cai, Univ of North Carolina, Chapel Hill, NC; Marc Gellman, Univ of Miami, Miami, FL; Donghong Wu, Martha Davigus, UIC, Chicago, IL
- P289 Social Determinants of Long Term Maintenance of Physical Activity: The Jackson Heart Study**
Yuan-I Min, Arnita F. Norwood, Mario Sims, UMMC Jackson Heart Study, Jackson, MS

Pregnancy and Maternal/Fetal Health

- P290 Maternal Aerobic Exercise Intervention Improves Fetal Heart and Growth Measures**
Linda E. May, Edward Newton, Diana M. Strickland, Christy M. Isler, East Carolina Univ, Greenville, NC; Lisa Chasan-Taber, Univ of Massachusetts-Amherst, Amherst, MA; George A. Kelley, West Virginia Univ, Morgantown, WV; R. Dennis Steed, Joseph A. Houmard, Xiangming Fang, East Carolina Univ, Greenville, NC
- P291 History of Preeclampsia and Subclinical Cardiovascular Disease in Mexican Women**
Jazmin Mata, Natl Autonomous Univ of Mexico, Mexico, Mexico; Andrés Catzin-Kulhmann, Natl Inst of Medical Science and Nutrition

Poster Presentations (continued)

Salvador Zubiran, Mexico, Mexico; Eduardo Ortiz-Panozo, Natl Inst of Public Health, Mexico, Mexico; Carlos Cantú-Brito, Natl Inst of Medical Science and Nutrition Salvador Zubiran, Mexico City, Mexico, Mexico, Mexico; Luis Espinosa, Beatriz Rodriguez, Sch of Med, Tecnológico de Monterrey, Monterrey, Mexico; Martín Lajous, Ruy López-Ridaura, Natl Inst of Public Health, Mexico, Mexico

Preventive Cardiology including Cardiac Rehab

P292 Cardiovascular Risk Factors in U.S. Men With and Without History of Prostate Cancer: NHANES 1999-2014

Ahmed A. Hassoon, Lawrence Appel, Hsin-Chieh Yeh, Johns Hopkins Bloomberg Sch, Baltimore, MD

P293 The Association of Healthy Lifestyles and Markers of Inflammation: Results From the Hispanic Community Health Study/Study of Latinos (HCHS/SOL)

Jered Linares, Univ of Illinois, Chicago, IL; Thanh-Huyen T. Vu, Northwestern Univ, Chicago, IL; Amber Pirzada, Donghong Wu, Univ of Illinois, Chicago, IL; Ramon Durazo-Arvizu, Loyola Univ, Chicago, IL; Mayra Estrella, Elva Arredondo, Jianwen Cai, Univ of Illinois, Chicago, IL; Linda Gallo, San Diego State Univ, San Diego, CA; Hector Gonzalez, Michigan State Univ, East Lansing, MI; Carmen Isasi, Einstein Coll of Med, New York, NY; Frank Penedo, Northwestern Univ, Chicago, IL; Yanping Teng, UNC at Chapel Hill, Chapel Hill, NC; Martha L. Daviglius, Univ of Illinois, Chicago, IL

P294 Greater Peripheral Vasoconstriction During Mental Stress Predicts Adverse Cardiovascular Outcomes

Jeong Hwan Kim, Muhammad Hammadah, Ibar Al Mheid, Kobina Wilmot, Ronnie Ramadan, Bruno Lima, Ayman Alkhoder, Malik Obideen, Naser Abdelhadi, Irina Uphoff, Mohamad Mazen Ghafeer, Belal Kaseer, Fahad Choudary, Amit Shah, Emory Univ, Atlanta, GA; Paolo Raggi, Univ of Alberta, Edmonton, AB, Canada; Viola Vaccarino, Arshed Quyyumi, Emory Univ, Atlanta, GA

P295 Association Between Remained Number of Teeth and Cardiovascular Disease Among Korean Adults

Hong Seok Lee, Univ of California Riverside, Riverside, CA; Yong-Moon Park, NIH, Research Triangle Park, NC; Kyungdo Han, The Catholic Univ of Korea, Coll of Med, Seoul, Korea, Republic of

P296 Poor Functional Capacity is Associated With Peripheral Microvascular Dysfunction in Coronary Artery Disease

Jeong Hwan Kim, Ahmed Al-Badri, Muhammad Hammadah, Ibar Al Mheid, Kobina Wilmot, Ronnie Ramadan, Bruno Lima, Ayman Alkhoder,

Naser Abdelhadi, Malik Obideen, Irina Uphoff, Mohamad Mazen Ghafeer, Belal Kaseer, Fahad Choudary, Amit Shah, Emory Univ, Atlanta, GA; Paolo Raggi, Univ of Alberta, Edmonton, AB, Canada; Viola Vaccarino, Arshed Quyyumi, Emory Univ, Atlanta, GA

P297 Long-Term Benefit Comparison of Absolute Risk Reduction versus Absolute Risk to Prioritize Statin Therapy

Ciaran N. Kohli-Lynch, Andrew E. Moran, Columbia Univ Medical Ctr, New York, NY; George Thanassoulis, Allan D. Sniderman, McGill Univ Health Ctr, Montreal, QC, Canada; Yiyi Zhang, Columbia Univ Medical Ctr, New York, NY; Michael Pencina, Duke Univ Sch of Med, Durham, NC; Mark J. Pletcher, Eric Vittinghoff, Univ of California San Francisco, San Francisco, CA

P298 Light-to-Moderate Alcohol Consumption and Risk of Abdominal Aortic Aneurysm in the Physicians' Health Study

Rajat Singh, Jiaying Chen, Lu Wang, Howard D. Sesso, John M. Gaziano, Luc Djoussé, Brigham and Women's Hosp, Boston, MA

P300 Presence of Mental Health Conditions Associated With Greater Adherence to Home-Based Cardiac Rehabilitation

Nirupama Krishnamurthi, David Schopfer, Mary A. Whooley, San Francisco VA Medical Ctr, San Francisco, CA

P302 Ethnic Difference of Cardiorespiratory Fitness and Related to Factors in Young Adults: The Nhanes 1999-2004

Hong Seok Lee, Zhiwei Zhang, Karen Xu, Univ of California Riverside, Riverside, CA; Yong-Moon Park, NIH, Research Triangle Park, NC

Psychosocial/Quality of Life/ Social Determinants of CV Health

P303 Racial Differences in the Associations Between Food Insecurity and Fibroblast Growth Factor 23 (FGF23) in The Coronary Artery Risk Development in Young Adults (CARDIA) Study

Lindsay R. Pool, Kiarri N. Kershaw, Samantha E. Montag, Northwestern Univ, Chicago, IL; Penny Gordon-Larsen, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Orlando M. Gutiérrez, The Univ of Alabama at Birmingham, Birmingham, AL; Jared P. Reis, Natl Heart, Lung, and Blood Inst, Bethesda, MD; Tamara Isakova, Northwestern Univ, Chicago, IL; Myles Wolf, Duke Univ, Durham, NC; Mercedes R. Carnethon, Northwestern Univ, Chicago, IL

P304 High Cardiovascular Health Metrics Score Predicts Slower Cognitive Performance Decline in Coronary Patients

Uri Goldbourt, Tel Aviv Univ, Tel Aviv, Israel; Miri Lutski, Tel Aviv Univ, Tel Hashomer, Israel; David Tanne, Sheba Medical Ctr, Tel Hashomer, Israel

Poster Presentations (continued)

- P305 Psychosocial Stressors and Tobacco Use: Views of the Transgender Community in a 2016 Focus Groups Study**
Rose Marie Robertson, American Heart Association, Dallas, TX; **Aida L. Giachello**, Northwestern Univ, Chicago, IL; Robyn Landry, American Heart Association, Dallas, TX; Joy L. Hart, Louisville Univ, Louisville, KY; Thanh-Huyen T. Vu, Northwestern Univ, Chicago, IL; Kandi L Walker, Louisville Univ, Louisville, KY; Allison Groom, Anshula Kesh, American Heart Association, Dallas, TX; Thomas J. Payne, Univ of Mississippi Medical Ctr, Jackson, MS
- P306 Negative Emotional States and Atherosclerosis in African American Adults: The Jackson Heart Study**
Waynesha E. Blaylock, Alpert Medical Sch, Providence, RI; Wendy B. White, Tougaloo Coll, Tougaloo, MS; Alan Morrison, Providence VA Medical Ctr, Providence, RI; Mario Sims, Univ of Mississippi Medical Ctr, Jackson, MS; Wen-Chih Wu, Providence VA Medical Ctr, Providence, RI
- P307 Association of Psychosocial Factors With Leukocyte Telomere Length Among African Americans in the Jackson Heart Study**
Christina DeShun Jordan, The Univ of MS Medical Ctr, Jackson, MS
- P308 Independent Effects of Individual and Neighborhood Socioeconomic Characteristics on Cardiovascular Health Response to an Exercise Trial**
Candice A. Myers, Stephanie T. Broyles, Corby K. Martin, Pennington Biomedical Res Ctr, Baton Rouge, LA
- P309 Social Network Analysis of Religious Organization Co-Affiliation, Exercise, and Weight in South Asians**
Namratha R. Kandula, Northwestern Univ, Chicago, IL; Kayo Fujimoto, Yucheng Zhao, Univ of Texas Medical Ctr, Houston, TX; Alka M. Kanaya, Univ of California, San Francisco, CA; John A Schneider, Univ of Chicago, Chicago, IL; Andrew Cooper, Ankita Puri, Swapna Dave, Juned Siddique, Northwestern Univ, Chicago, IL
- P310 Physician Trust and Home Remedy Use Among Low Income Blacks and Whites With Hypertension: Findings From the TRUST Study**
Pamela Payne Foster, The Univ of Alabama, Tuscaloosa, AL; **Yendelela Cuffee**, Noof Alwatban, Penn State Coll of Med, Hershey, PA; Maury Minton, Gadsen Regional Practice, Gadsden, AL; Dwight Lewis, The Univ of Alabama, Tuscaloosa, AL; Jeroan Allison, Univ of Massachusetts Medical Sch, Worcester, MA
- P311 Individual Characteristics of Resilience Are Associated With Lower-Than-Expected Neighborhood Rates of Cardiovascular Disease in African-Americans: Results From the Morehouse-Emory Cardiovascular (MECA) Center for Health Equity Study**
Matthew L. Topel, Emory Univ Sch of Med, Atlanta, GA; Junjun Xu, Peter Baltrus, Morehouse Sch of Med, Atlanta, GA; Viola Vaccarino, Emory Univ Rollins Sch of Public Health, Atlanta, GA; Mahasin S. Mujahid, UC Berkley Sch of Public Health, Berkley, CA; Arshed A. Quyyumi, Emory Univ Sch of Med, Atlanta, GA; Herman A. Taylor, Morehouse Sch of Med, Atlanta, GA; Tene T. Lewis, Emory Univ Rollins Sch of Public Health, Atlanta, GA
- P312 Stress Related to Family Member(s) With Legal/Police Problems and BodyMass Index in the Study of Women's Health Across the Nation (SWAN)**
Miriam E. Van Dyke, Emory Univ, Atlanta, GA; Tiffany Lemon, Harvard Univ, Boston, MA; Karen A. Matthews, Emma Barinas-Mitchell, Univ of Pittsburgh, Pittsburgh, PA; Tené T. Lewis, Emory Univ, Atlanta, GA
- P313 Association of Positive Emotion and Cardiovascular Health in Hispanics/Latinos With Chronic Kidney Disease: Results From the Hispanic Community Health Study/Study of Latinos (HCHS/SOL)**
Rosalba Hernandez, Univ of Illinois at Urbana-Ch, Urbana, IL; James P. Lash, Univ of Illinois at Chicago, Chicago, IL; Brett Burrows, Univ of Illinois at Urbana-Ch, Urbana, IL; Holly J. Mattix-Kramer, Loyola Med, Chicago, IL; Ramon A. Durazo-Arvizu, Univ of Illinois at Chicago, Chicago, IL; Gregory A. Talavera, San Diego State Univ, San Diego, CA; Frank J. Penedo, Northwestern Univ, Chicago, IL; Tasneem Khambaty, Univ of Miami, Miami, FL; Ashley E. Moncrieff, Univ of Miami, Miami, IL; Jinsong Chen, Martha L. Daviglius, Univ of Illinois at Chicago, Chicago, IL
- P314 Healthy Food Choices Are Correlated in a Large Employee Social Network**
Douglas Levy, Massachusetts General Hosp, Boston, MA; Mark Pachucki, Univ of Massachusetts - Amherst, Amherst, MA; James O'Malley, Geisel Sch of Med at Dartmouth Univ, Lebanon, NH; Bianca Porneala, Awesta Yaqubi, Anne Thorndike, Massachusetts General Hosp, Boston, MA
- P315 Is Self-rated Health Associated With Ideal Cardiovascular Health? The Multi-Ethnic Study of Atherosclerosis**
Olatokunbo I. Osibogun, Florida Intl Univ, Miami, FL; Oluseye Ogunmoroti, Ctr for Healthcare Advancement and Outcomes, Baptist Health South Florida, Miami, FL, Miami, FL; Erica S.

Poster Presentations (continued)

- Spatz, Div of Cardiovascular Med, Yale Univ, New Haven, CT; Gregory L. Burke, Div of Public Health Sciences, Wake Forest Sch of Med, Winston-Salem, NC; Erin D. Michos, The Johns Hopkins Ciccarone Ctr for the Prevention of Heart Disease, Baltimore, MD
- P316 Multiple Vulnerabilities to Health Disparities and Incident Coronary Heart Disease in the Reasons for Geographic and Racial Differences in Stroke (REGARDS) Study**
Monika M. Safford, Laura Pinheiro, Madeline Sterling, Weill Cornell Med, New York, NY; Joshua Richman, Paul Muntner, Raegan Durant, John Booth, Univ of Alabama at Birmingham, Birmingham, AL; Evgeniya Reshetnyak, Weill Cornell Med, New York, NY
- P317 An Activity Space Approach to Assessing the Food Environments of Food Secure and Insecure Women**
Ilana G. Raskind, Michelle C. Kegler, Michael R. Kramer, Rollins Sch of Public Health, Atlanta, GA
- P318 Neighborhood Environment Characteristics and Control of Cardiovascular Disease Risk Factors in a Primary Care Patient Sample**
M. Maya McDoom-Echebiri, Yea-Jen Hsu, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Lisa A. Cooper, Rachel J. Thornton, Johns Hopkins Sch of Med, Baltimore, MD
- P319 Changes in Perceptions of Neighborhood Environment and Cardiometabolic Outcomes in Two Predominantly African American Neighborhoods**
Tiffany L. Gary-Webb, Natalie Suder Egnot, Univ of Pittsburgh, Pittsburgh, PA; Tamara Dubowitz, Wendy Troxel, RAND Corp, Pittsburgh, PA
- P320 Optimism and Cardiovascular Health Among African Americans in the Jackson Heart Study**
Mario Sims, LáShauntá Glover, Arnita Norwood, Christina Jordan, Yuan-I Min, Univ of Mississippi Medical Ctr, Jackson, MS; LaPrincess Brewer, Mayo Clinic Coll of Med, Rochester, MN; Laura Kubzansky, Harvard T. H. Chan Sch of Public Health, Boston, MA
- P321 Family Member Incarceration and Subclinical Cardiovascular Disease in Mexican Women**
Kaela M. Connors, Mario H. Flores-Torres, Natl Inst of Public Health, Mexico City, Mexico; Dalia Stern, CONACyT, Mexico City, Mexico; Unnur Valdemarsdottir, Harvard T. H. Chan Sch of Public Health, Dept. of Epidemiology, Boston, MA; Ruy Lopez-Ridaura, Natl Inst of Public Health, Mexico City, Mexico; Carlos Cantú-Brito, Natl Inst of Medical Science and Nutrition, Mexico City, Mexico; Andres Catzin, Natl Inst of Public Health, Mexico City, Mexico; Beatriz Rodriguez, John A. Burns Sch of Med, Univ of Hawaii, Honolulu, HI; Catalina Pérez-Correa, Program on Drug Policy, Ctr for Economic Res and Teaching, Aguascalientes, Mexico; Martín Lajous, Natl Inst of Public Health, Mexico City, Mexico
- P322 The Relationship Between Neighborhood Food Environment and Adiposity Measures: Data From the Dallas Heart Study**
Marcus R. Andrews, Natl Insts of Health, Bethesda, MD; Colby Ayers, Univ of Texas Southwestern Medical Ctr, Dallas, TX; Joniqua Ceasar, Sophie Claudel, Natl Insts of Health, Bethesda, MD; Sandeep Das, Ian Neeland, Univ of Texas Southwestern Medical Ctr, Dallas, TX; Kosuke Tamura, Tiffany Powell-Wiley, Natl Insts of Health, Bethesda, MD
- P323 Sleep Debt and Type II Diabetes Mellitus in Middle Aged and Older Women**
Jonathan Z. Butler, Univ of California San Fran, San Francisco, CA; Natalie Slopen, Univ of Maryland Sch of Public Health, College Park, MD; Susan Redline, Harvard Medical Sch, Boston, MA; Alan M Zaslavsky, Harvard T. H. Chan Sch of Public Health, Boston, MA; David R Williams, Harvard Medical Sch, Boston, MA; Aruna Pradhan, Julie Buring, Brigham and Women's Hospital, Boston, MA; Michelle A Albert, Univ of California San Fran, San Francisco, CA
- P324 Association of Neighborhood Perception and Physical Activity in the Healthy Aging in Neighborhoods of Diversity Across the Lifespan (HANDLS) Study**
Sophie E. Claudel, Eric J. Shiroma Jr, Tamara B. Harris, Chaarushi Ahuja, Alan B. Zonderman, Michele K. Evans, Tiffany M. Powell-Wiley, Natl Insts of Health, Bethesda, MD
- P326 Perceived Neighborhood Crime is Associated With Serum Cholesterol Levels Among Females, but Not Males: Santiago Longitudinal Study**
Erin M. Delker, Estela Blanco, Patricia East, Univ of California, San Diego, San Diego, CA; Raquel Burrows, Inst of Nutrition and Food Technology, Univ of Chile, Santiago, Chile; Jorge Delva, Univ of Michigan, Ann Arbor, MI; Sheila Gahagan, Univ of California, San Diego, San Diego, C
- P327 Stress Overload and Methylation of Hypertension Related Genes**
Kristen M. Brown, Qin Hui, Emory Univ, Atlanta, GA; Cindy Crusto, Jacquelyn Y. Taylor, Yale Univ, New Haven, CT; Yan V. Sun, Emory Univ, Atlanta, GA
- P328 Cardiovascular Disease and Risk Factors Are Associated With Poor Health-Related Quality of Life Among Hispanic/Latino Adults With Arthritis Symptoms: Findings From the Hispanic Community Health Study/ Study of Latinos**
Natalya Rosenberg, **Mayra L. Estrella**, Univ of Illinois at Chicago, Chicago, IL; Ramon A. Durazo-Arvizu, Loyola Univ Chicago, Chicago, IL; James P. Lash, Univ of Illinois at Chicago,

Poster Presentations (continued)

Chicago, IL; Gregory A. Talavera, San Diego State Univ, San Diego, CA; Kamal Eldeirawi, Univ of Illinois at Chicago, Chicago, IL; Donglin Zeng, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Martha L Daviglius, Univ of Illinois at Chicago, Chicago, IL

Renal Disease

P329 Prospective Association of Serum Uromodulin and Cardiovascular Disease in Chronic Kidney Transplant Recipients

Charles B. Eaton, Brown Univ-Family Med, Pawtucket, RI; Dominik Steubl, Tufts Medical Ctr, Boston, MA; Mary Roberts, Brown Univ-Family Med, Pawtucket, RI; Pranav Garimella, Univ of San Diego, San Diego, CA; Theresa Shireman, Brown Univ, Providence, RI; Andreas Pasch, Insel Univ, Basel, Switzerland; Joe Ix, Univ of San Diego, San Diego, CA; Tuttle R. Katherine, Univ of Oregon, Providence, OR; Anastasia Ivanova, Univ of North Carolina, Chapel Hill, NC; Marc A. Pfeffer, Brigham and Women's Hosp, Boston, MA; Andrew Bostom, Brown Univ, Providence, RI

P330 Chronic Kidney Disease is Associated With Short-Term Risk of Hospitalization Among Older Adults

Eugenia Wong, Shoshana H. Ballew, Natalie Daya, Junichi Ishigami, Casey M. Rebholz, Kunihiko Matsushita, Morgan Grams, Josef Coresh, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD

P331 Association of Extrasosseous Calcification With Pulmonary Hypertension in Patients Evaluated for Kidney Transplantation

Melissa C. Caughey, Univ of North Carolina, Chapel Hill, NC; Aditi Puri, Univ of Pittsburgh, Pittsburgh, PA; Randal K. Detwiler, Abhijit V. Kshirsagar, Hubert J. Ford, Lisa J. Rose-Jones, Alan L. Hinderliter, Univ of North Carolina, Chapel Hill, NC

Sedentary Behavior

P332 Socio-environmental Influences on Youth Total Sedentary Time: Results From the Hispanic Community Health Study/Study of Latino Youth

Melawhy L. Garcia, Univ of California San Diego, La Jolla, CA; Sheila F. Castaneda, Linda C. Gallo, Maria Lopez-Gurrola, San Diego State Univ, San Diego, CA; Krista M. Perreira, Daniela Sotres-Alvarez, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Carmen R. Isasi, Earle C. Chambers, Albert Einstein Coll of Med, Bronx, NY; Martha L. Daviglius, Univ of Illinois at Chicago, Chicago, IL; Linda Van Horn, Northwestern Univ, Chicago, IL; Kelly R. Everson, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Jordan A. Carlson, Children's Mercy Kansas City, Kansas, MO; Gregory A. Talavera, San Diego State Univ, San Diego, CA

P333 Characteristics Associated With Lower Blood Pressure When Using a Sit-Stand Desk

John M. Taormina, Univ of Pittsburgh, Pittsburgh, PA; Robert J. Kowalsky, Texas A&M Univ-Kingsville, Kingsville, TX; Sophy J. Perdomo, Univ of Kansas Medical Ctr, Kansas City, KS; Melissa A. Jones, Bethany Barone Gibbs, Univ of Pittsburgh, Pittsburgh, PA

Sleep

P334 The Effects of Inadequate Sleep on Blood Pressure and Endothelial Inflammation in Women: Findings From the American Heart Association Go Red for Women Strategically Focused Research Network

Brooke Aggarwal, Nour Makarem, Riddhi Shah, Memet Emin, Ying Wei, Marie-Pierre St-Onge, Sanja Jelic, Columbia Univ Medical Ctr, New York, NY

P335 Associations of Sleep Duration and Sleep Quality With Physical Performance in Older Adults --The Chicago Healthy Aging Study (CHAS)

ThanhHuyen T. Vu, Kathryn J. Reid, Northwestern Univ, Chicago, IL; Martha L. Daviglius, Daniel B. Garside, Inst for Minority Health Res, Univ of Illinois at Chicago, Chicago, IL; Kiang Liu, Mercedes R. Carnethon, Donald M. Lloyd-Jones, Phyllis C. Zee, Northwestern Univ, Chicago, IL

P336 The Association Between Goal-Striving Stress, Sleep Duration and Sleep Quality in the Jackson Heart Study

Loretta Cain, Dept of Data Science, Univ of Mississippi Medical Ctr, Jackson, MS; LáShaunta Glover, Dept of Med, Univ of Mississippi Medical Ctr, Jackson, MS; Dayna Johnson, Dept of Epidemiology, Univ of Michigan Sch of Public Health, Ann Arbor, MI; Mario Sims, Dept of Med, Univ of Mississippi Medical Ctr, Jackson, MS

P337 Adolescent Sleep is Associated With Physical Activity and Sedentary Behavior Patterns

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Carolyn M. Muegge, Natl Inst for Public Safety Health, Indianapolis, IN; Terrell W. Zollinger, Yiqing Song, Jennifer Wessel, Fairbanks Sch of Public Health at Indiana Univ Purdue Univ Indianapolis, Indianapolis, IN; Patrick O Monahan, Indiana Univ Sch of Med, Indianapolis, IN; Steven M Moffatt, Natl Inst for Public Safety Health, Indianapolis, IN

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