



**EPI|LIFESTYLE**  
**2015**

# 2015 Scientific Sessions

Epidemiology and Prevention  
and Lifestyle and Cardiometabolic Health

Final Program

March 3–6 | Marriott Baltimore Waterfront | Baltimore, Maryland

[my.americanheart.org/epilifestylesessions](http://my.americanheart.org/epilifestylesessions)

This is an annual scientific meeting of the American Heart Association sponsored by the Council on Epidemiology and Prevention and the Council on Lifestyle and Cardiometabolic Health.

# Program at a Glance

|          | Tuesday<br>March 3           | Wednesday<br>March 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Thursday<br>March 5                                                                                                                                                                                                                                                                                              | Friday<br>March 6                                                                                                                                                                                                                     |
|----------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6:00 AM  |                              | <b>Yoga and Zumba Classes</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Fun Walk/Run</b>                                                                                                                                                                                                                                                                                              | <b>Yoga and Zumba Classes</b>                                                                                                                                                                                                         |
| 7:00 AM  |                              | 7:00–8:00 AM<br>Continental Breakfast                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7:00–7:30 AM<br>Continental Breakfast                                                                                                                                                                                                                                                                            | 7:00–7:30 AM<br>Continental Breakfast                                                                                                                                                                                                 |
| 7:30 AM  |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                  | 7:30–8:20 AM<br><b>Using Online Surveillance Tools for Heart Disease and Stroke Prevention</b><br>Linda Schieb and Robert Merritt, Division for Heart Disease and Stroke Prevention at the Centers for Disease Control and Prevention |
| 8:00 AM  |                              | Session 1<br>8:00–8:30 AM<br><b>Welcome Remarks</b><br>8:30–10:00 AM<br><b>Opening Session: CVD Epidemiology: Is There an App for That?</b><br>Elliott Antman, MD, FAHA, Panelist<br><b>EData Sciences and Epidemiology/ Lifestyle Research: The Way Forward</b><br>Mike Lauer, MD, FAHA<br><b>Digital Devices, Behavioral Economics, and Health Improvement</b><br>Kevin Volpp, MD, PhD<br><b>Bridging Traditional and Novel Methods for Data Collection/Analysis</b><br>Lesley Curtis, PhD | Session 5<br>8:00–8:30 AM<br><b>David Kritchevsky Memorial Lecture</b><br>Professor Kay-Tee Khaw<br>8:30–10:00 AM<br><b>Using Technology to Promote Cardiovascular Health Session</b><br><i>Jointly planned with the Society for Behavioral Medicine</i><br>Ellen Burke Beckjord, PhD, MPH and Deborah Tate, PhD | Session 9<br><b>Obesity</b><br>8:30–9:00 AM<br><b>The Frederick Epstein Memorial Lecture</b><br>Professor Simon Capewell                                                                                                              |
| 10:00 AM |                              | Refreshment Break                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Refreshment Break/<br>Connection Corner                                                                                                                                                                                                                                                                          | Refreshment Break/<br>Connection Corner                                                                                                                                                                                               |
| 10:30 AM |                              | Session 2<br><b>Outcomes</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Session 6<br><b>Nutrition</b>                                                                                                                                                                                                                                                                                    | Session 10<br><b>Aging</b>                                                                                                                                                                                                            |
| NOON     |                              | <b>Lifestyle and Cardiometabolic Health Council Annual Business Meeting &amp; Networking Luncheon</b>                                                                                                                                                                                                                                                                                                                                                                                        | <b>Early Career Luncheon Events</b><br><b>EPI Council Annual Business Meeting and Luncheon</b>                                                                                                                                                                                                                   | <b>Early Career Luncheon Events</b>                                                                                                                                                                                                   |
| 1:00 PM  | 1:00–7:00 PM<br>Registration | Session 3<br><b>Lipids/Hypertension</b><br><i>A Lifecourse Approach to Blood Pressure and Cardiovascular Risk</i><br>Bonita Falkner, MD, FAHA, FASH and Norrina Allen, PhD, MPH                                                                                                                                                                                                                                                                                                              | <b>NHLBI Trainee Session on CVD Epidemiology, Biostatistics and Prevention</b>                                                                                                                                                                                                                                   | Session 11<br><b>Genetics/Metabolomics</b><br><i>Lipid Genetics for Epidemiologists</i><br>Danish Saleheen, MBBS, PhD                                                                                                                 |
| 1:30 PM  |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                       |
| 3:00 PM  |                              | Refreshment Break                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Refreshment Break/<br>Connection Corner                                                                                                                                                                                                                                                                          | Refreshment Break/<br>Connection Corner                                                                                                                                                                                               |
| 3:30 PM  |                              | Session 4<br><b>Physical Activity</b><br><i>Inter-individual Differences in Response to Diet and Exercise. Is it Time for Personalized Exercise Medicine?</i><br>Claude Bouchard, PhD                                                                                                                                                                                                                                                                                                        | <b>NHLBI Trainee Session, continued</b>                                                                                                                                                                                                                                                                          | Session 12<br><b>ASPC Annual Debate</b><br><i>New Blood Pressure Guidelines (JNC8): Right or Wrong?</i><br>Suzanne Oparil, MD, FACC, FAHA, FASH, and Jackson T. Wright, Jr., MD, PhD, FACP                                            |
| 4:30 PM  |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                  | <b>Poster Session 4</b>                                                                                                                                                                                                               |
| 5:00 PM  | <b>Poster Session 1</b>      | <b>Poster Session 2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Poster Session 3</b>                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                       |
| 7:00 PM  |                              | <b>Hearts Diversity Reception</b><br><i>Hosted by the Council on Epidemiology and Prevention</i>                                                                                                                                                                                                                                                                                                                                                                                             | <b>JOINT Council Dinner</b>                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                       |

**Legend:** Poster Sessions Conference Sessions Other

The American Heart Association Council on Epidemiology and Prevention and the Council on Lifestyle and Cardiometabolic Health welcomes the joint sponsorship of **The American Society for Preventive Cardiology**.

# Contents

|                                                              |    |
|--------------------------------------------------------------|----|
| Questions and Information.....                               | 2  |
| Co-Sponsors/Program Committees.....                          | 5  |
| Room Locator .....                                           | 7  |
| Hotel Map .....                                              | 8  |
| Program Information.....                                     | 9  |
| Continuing Education/Conference Evaluation Information ..... | 9  |
| Conference Highlights .....                                  | 11 |
| Conference Awards .....                                      | 15 |
| Speaker Resource Room.....                                   | 17 |
| Policy Information... ..                                     | 18 |
| Program, NHLBI Trainee Session.....                          | 19 |
| Program .....                                                | 21 |
| Tuesday, March 3.....                                        | 21 |
| Wednesday, March 4 .....                                     | 21 |
| Thursday, March 5 .....                                      | 24 |
| Friday, March 6 .....                                        | 28 |
| Poster Presentations .....                                   | 32 |
| Author Index.....                                            | 80 |

## Save the Date!

### **EPI/Lifestyle 2016 Scientific Sessions**

March 1–4, 2016  
Hyatt Regency Phoenix  
Phoenix, Arizona

# 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](mailto:scientificconferences@heart.org)  
Website [my.americanheart.org](http://my.americanheart.org)

### For information on upcoming American Heart Association Scientific Conferences, visit [my.americanheart.org](http://my.americanheart.org)

To access a schedule of future conferences sponsored by the AHA, follow these simple steps:

- Log on to [my.americanheart.org](http://my.americanheart.org).
- From the home page, click on the “Sessions” tab in the upper navigation bar.
- Select the conference you are interested in attending for more details, such as Conference Description, Learning Objectives and Venue Information.
- If you have additional questions, please email us at [scientificconferences@heart.org](mailto:scientificconferences@heart.org) or call toll-free 888.242.2453



## Professional Membership Customer Service

Lippincott Williams & Wilkins  
Telephone 800.787.8984  
Fax 301.223.2327  
Email [ahaonline@lww.com](mailto:ahaonline@lww.com)

### Join the American Heart Association/American Stroke Association as a Professional Member

As an AHA/ASA Professional Member, you are in touch with more than 32,000 like-minded individuals and are brought closer to the heart and soul of the AHA and its mission to build healthier lives free of cardiovascular diseases and stroke. Gain access to the best tools and networking opportunities needed to stay informed, connected and competitive in your specialty. Renew or join today to access these valuable benefits!

**Quick and Easy** — Renew Online. Visit [my.americanheart.org/membership](http://my.americanheart.org/membership).

Use Promo Code: **DFJ010ZZ**

Expect **BIG** Things  
At **YOUR** AHA/ASA Scientific Events!

 You Ask.  We Listen.  We Deliver.

**You will see new offerings, enhanced favorites, and even more of the cutting-edge science you expect from AHA/ASA at our events!**

**EPI/Lifestyle 2015 Scientific Sessions  
Baltimore, MD**

**BIG TECHNOLOGY**

**ePosters**

- Responsive web design works with desktop and mobile
- Simple but powerful search tools to find sets of posters of interest
- Search with topic or full text; full text hits highlight in the abstract
- Contains full abstracts with images for all posters, not just those who submit an ePoster version
- Ability to create an account and save, organize and share your personal collections of posters
- Authors can easily add video or sync narration to ePoster through the submission site

**BIG NETWORKING**

**Moderated Posters**

Session moderators will highlight novel or recent developments and moderate Question & Answer sessions with poster presenters during one-hour tours. Four moderated poster sessions will be offered each evening.

**Professional Development Roundtables**

Friday, Noon-1:30 PM. A variety of investigators from several major studies, including AHA-related research programs, will identify opportunities for data sharing, collaboration and mentorship. We will use a “speed dating” format to allow attendees about 20 minutes with up to three study investigators each day.

**Connection Corner**

Connection Corner is an excellent networking opportunity attendees (especially first-time attendees and junior investigators). Representatives and program officers from various funding agencies will answer questions on funding opportunities. Attendees can also get advice on job searching and career advancement.

**BIG ACTIVITY**

***Incorporate physical activity into your conference experience this year!***

- Yoga
- Zumba
- Walking Challenge
- Fun Walk/Run
- Swing Dancing

Use Hashtags #EPIlifestyle15 and #AHABigThings with your onsite social media!

# 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 EPI/Lifestyle 2015 Scientific Sessions.

The primary goal of EPI/Lifestyle 2015 Scientific Sessions is to promote the development and application of translational and population science related to promotion of cardiovascular health and the prevention of heart disease and stroke. Presentations on the use of electronic approaches and tools to epidemiologic and behavioral research will be emphasized this year.

The format maximizes the opportunities for thought-provoking interaction among scientists. New research is organized around oral and poster abstract presentations 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 young scientists, and specific activities are designed to increase the opportunities for interaction between new and senior investigators.

The program will focus on the epidemiology of health factors, subclinical and clinical cardiovascular diseases. 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 be presented.

The program will also provide participants with 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; guideline 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.

Sincerely,

A handwritten signature in cursive script that reads "Veronique L. Roger".

Veronique L. Roger, MD, MPH, FAHA  
Co-Chair, EPI/Lifestyle Annual Conference

A handwritten signature in cursive script that reads "Samuel Gidding".

Samuel Gidding, MD, FAHA  
Co-Chair, EPI/Lifestyle Annual Conference

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

---

The Council on Epidemiology and Prevention and the Council on Lifestyle and Cardiometabolic Health welcome the co-sponsorship of the American Society of Preventive Cardiology.



The Council on Epidemiology and Prevention and the Council on Lifestyle and Cardiometabolic Health Gratefully Acknowledge



for their help to support the conference-wide breakfast.

---

American Heart Association Council on Epidemiology and Prevention and Council on Lifestyle and Cardiometabolic Health is grateful to the conference Program Committee Members for their dedication and leadership in the organization and planning of the programs.

## **EPI | Lifestyle 2015 Program Committee**

### **Executive Committee**

Veronique Roger, MD, MPH, FAHA, Co-Chair  
Wayne Rosamond, PhD, MS, Vice-Chair

Samuel Gidding, MD, FAHA, Co-Chair  
Robert Ross, PhD, FACSM, FAHA, Vice-Chair

### **Members**

Norrina B. Allen, PhD, MPH  
Alvaro Alonso, MD, PhD  
Alain Bertoni, MD, MPH, FAHA  
Linda J. Ewing, PhD, RN  
Caroline S. Fox, MD  
Christopher Gardner, PhD  
Mikhail Kosiborod, MD, FAHA  
Pamela Lutsey, PhD, MPH

Jennifer G. Robinson, MD, MPH, FAHA  
Elizabeth Selvin, MPH, PhD  
Chris Slentz, BS, MS, PhD  
Nona Sotoodehnia, MD, MPH  
Marie-Pierre St-Onge, PhD, FAHA  
Lyn M. Steffan, PHD, MPH, RD, FAHA  
Thomas Wang, MD

### **Liaisons**

Alvaro Camacho, MD, MPH  
Stephen Kopecky, MD, FACC

Christina M. Shay, PhD, MA, FAHA  
Jennifer Wessel, PhD, MPH

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

|                       |                        |                         |                      |
|-----------------------|------------------------|-------------------------|----------------------|
| Norrina B. Allen      | Imo Ebong              | Stephen L. Kopecky      | Jared P. Reis        |
| Matthew A. Allison    | Robert H. Eckel        | Anna Kottgen            | Kathryn M. Rexrode   |
| Alvaro Alonso         | Samar El Khoudary      | William Kraus           | Ken Rice             |
| Cheryl Anderson       | Daniel Enquebahrie     | Ian M. Kronish          | Jennifer G. Robinson |
| Susan Appel           | Linda Ewing            | M. A. Krousel-Wood      | Veronique L. Roger   |
| Benoit Arsenault      | Bonita Falkner         | Benoit LaMarche         | Anand Rohatgi        |
| Brad C. Astor         | Michelle Fennessy      | Kristie J. Lancaster    | Robert Ross          |
| Kristen M. Azar       | Anne Fish              | Eric Larose             | Martin K. Rutter     |
| Prabhakaran Balagopal | James Floyd            | Britta Larsen           | Mark A. Sarzynski    |
| Janice Barnhart       | Gregg C. Fonarow       | Lenore Launer           | Pam Schreiner        |
| Andreas Barth         | Caroline S. Fox        | Jennifer S. Li          | Dawn Schwenke        |
| Emelia Benjamin       | Lekki Frazier-Wood     | Wen Wen Li              | Elizabeth Selvin     |
| Alain G. Bertoni      | Karen L. Furie         | Laura R. Loehr          | Howard D. Sesso      |
| Aurelian Bidulescu    | Christopher D. Gardner | Lenny Lopez             | James Shikany        |
| Joshua C. Bis         | Samuel S. Gidding      | Gina Lovasi             | Steve Sidney         |
| Ingeborg Brouwer      | Matthew Gillman        | Philip Lupo             | David S. Siscovick   |
| Todd Brown            | David C. Goff          | Pamela Lutsey           | Cris A. Slentz       |
| Gregory L. Burke      | Holly C. Gooding       | Jared Magnani           | Caren E. Smith       |
| Lora E. Burke         | Elizabeth Goodman      | Kunihiro Matsushita     | Nick Smith           |
| Alvaro Camacho        | M. Odette Gore         | Darren K. McGuire       | Paul D. Sorlie       |
| Sarah M. Camhi        | Rebecca Gottesman      | Nehal Mehta             | Julie St-Pierre      |
| April P. Carson       | Erica P. Gunderson     | James B. Meigs          | Lyn M. Steffen       |
| Alanna Chamberlain    | TanYa M. Gwathmey      | Edgar R. Miller         | Kristi L. Storti     |
| Adam Chicco           | Kristen G. Hairston    | Morgana Mongraw-Chaffin | Scott Strath         |
| Arnaud Chioloro       | Bernhard Haring        | Mahasin Mujahid         | Elsa Strotmeyer      |
| Stephanie Chiuve      | Laura L. Hayman        | Kenneth J. Mukamal      | Ruth Taylor-Piliae   |
| Andrea K. Chomistek   | Marie-France Hivert    | Kiran Musunuru          | Anne Thorndike       |
| Timothy Church        | Yuling Hong            | Jonathan Myers          | Russell Tracy        |
| Marc-andre Cornier    | Barbara V. Howard      | Vijay Nambi             | Connie Tsao          |
| Rebecca Costello      | Adela Hruby            | Robert L. Newton        | Linda Van Horn       |
| Lesley A. Cottrell    | Frank Hu               | Kari North              | Lisa B. VanWagner    |
| Mary Cushman          | Jan M. Hughes-Austin   | Judith Ockene           | Jason L. Vassy       |
| Stephen Daniels       | Erik Ingelsson         | Nicolas Oreskovic       | Sonia Vega-López     |
| Sandeep Das           | Carlos Iribarren       | Quinn R. Pack           | Salim S. Virani      |
| Marco Dauriz          | Carmen Isasi           | Walter Palmas           | V. Saroja Voruganti  |
| Martha Daviglus       | David Jacobs           | James S. Pankow         | Thomas Wang          |
| Nichola Davis         | Cashell E. Jaquish     | Donna Parker            | Xuewen Wang          |
| Sarah de Ferranti     | Nancy S. Jenny         | Francois Philippon      | Jennifer Wessel      |
| Ankit A. Desai        | Majken K. Jensen       | Paul Poirier            | Joshua Willey        |
| Jean-Pierre Després   | Gerald Jerome          | Tamar Polonsky          | Peter Wilson         |
| Luc Djousse           | Monik Jimenez          | Tiffany M. Powell       | Nathan D. Wong       |
| Nefertiti Durant      | Joel Kaufman           | Lu Qi                   | Jacqueline Wright    |
| Gareth Dutton         | Liviu Klein            | Vasan Ramachandran      | Neil Zakai           |
| Jo-Ann Eastwood       | Wolfgang Koenig        | Laura Rasmussen-Torvik  | Jinying Zha          |



[www.Twitter.com/AHAMeetings](http://www.Twitter.com/AHAMeetings)  
Please use hashtag #EPIILIFESTYLE15 for all tweets!



# Room Locator

| Tuesday, March 3                     |              |                      |
|--------------------------------------|--------------|----------------------|
| Speaker Resource Center              | 1:00–5:00 PM | Chasseur             |
| Conference Registration              | 1:00–7:00 PM | Grand Ballroom Foyer |
| Opening Reception & Poster Session 1 | 5:00–7:00 PM | Harbor Ballroom      |

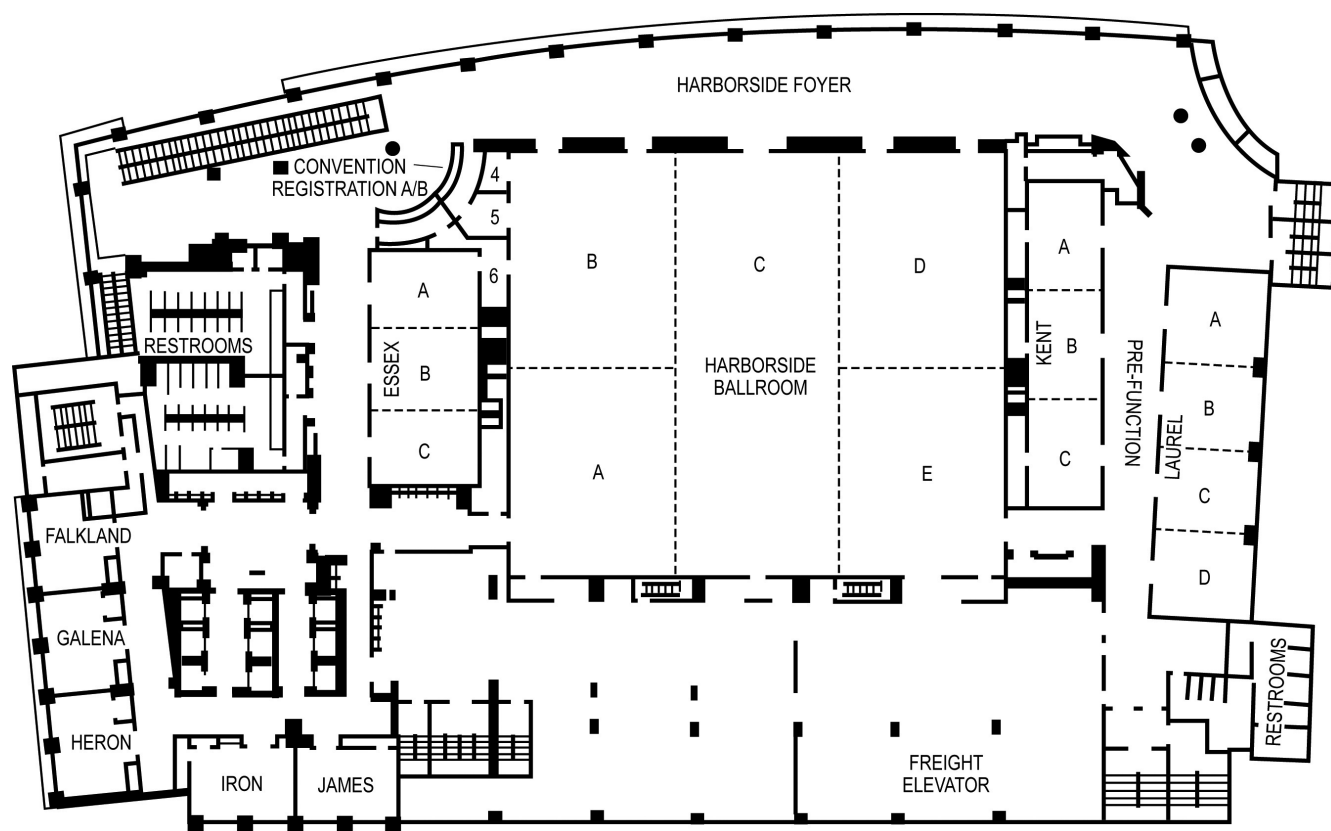
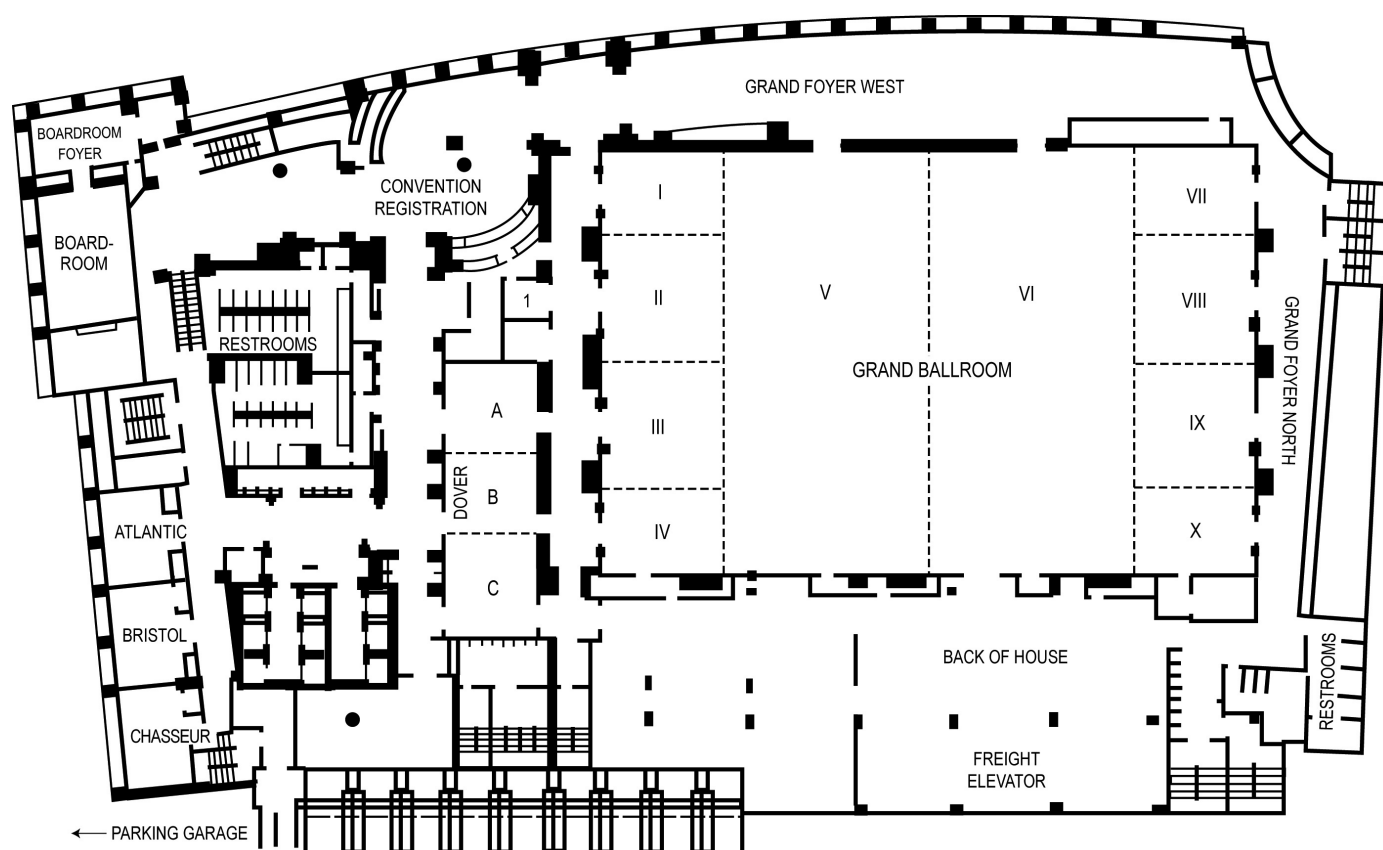
| Wednesday, March 4                                                                                           |                                |                              |
|--------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------|
| Speaker Resource Center                                                                                      | 7:30 AM–5:00 PM                | Chasseur                     |
| Zumba                                                                                                        | 6:00 AM–7:00 AM                | Grand Ballroom Salons I–II   |
| Yoga                                                                                                         | 6:00 AM–7:00 AM                | Grand Ballroom Salons III–IV |
| Conference Registration                                                                                      | 7:00 AM–7:00 PM                | Grand Ballroom Foyer         |
| Continental Breakfast                                                                                        | 7:00–8:00 AM                   | Grand Ballroom Foyer         |
| Exhibits                                                                                                     | 7:00 AM–3:30 PM                | Grand Ballroom Foyer         |
| Session 1<br>8:00–8:30 AM<br>Welcome Remarks<br>8:30–10:00 AM<br>CVD Epidemiology: Is There An App for That? | 8:00–10:00 AM                  | Grand Ballroom Salons V–VI   |
| Refreshment Breaks                                                                                           | 10:00–10:30 AM<br>3:00–3:30 PM | Grand Ballroom Foyer         |
| Oral Session 2 Outcomes                                                                                      | 10:30 AM–NOON                  | Grand Ballroom Salons V–VI   |
| Lifestyle and Cardiometabolic Health Annual Business Meeting and Networking Luncheon                         | NOON– 1:30 PM                  | Grand Ballroom Salons I–IV   |
| NHLBI Trainee Session on Cardiovascular Disease Epidemiology, Biostatistics and Prevention                   | 1:00–5:00 PM                   | Kent A–C                     |
| Oral Session 3<br>Lipids/Hypertension                                                                        | 1:30–3:00 PM                   | Grand Ballroom Salons V–VI   |
| Oral Session 4<br>Physical Activity                                                                          | 3:30–5:00 PM                   | Grand Ballroom Salons V–VI   |
| Poster Session 2                                                                                             | 5:00–7:00 PM                   | Harbor Ballroom              |
| Hearts Diversity Reception                                                                                   | 7:00–8:00 PM                   | Grand Ballroom Salons IX–X   |

| Thursday, March 5                                                                                                                              |                                |                            |
|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------|
| Annual Fun Walk/Run                                                                                                                            | 6:00 AM                        |                            |
| Speaker Resource Center                                                                                                                        | 7:30 AM–5:00 PM                | Chasseur                   |
| Conference Registration                                                                                                                        | 7:30 AM–5:00 PM                | Grand Ballroom Foyer       |
| Continental Breakfast                                                                                                                          | 7:00–8:00 AM                   | Grand Ballroom Foyer       |
| Exhibits                                                                                                                                       | 7:00 AM–3:30 PM                | Grand Ballroom Foyer       |
| Oral Session 5<br>8:00–8:30 AM<br>The David Kritchevsky Memorial Lecture<br>8:30–10:00 AM<br>Using Technology to Promote Cardiovascular Health | 8:00–10:00 AM                  | Grand Ballroom Salons V–VI |
| Connection Corner                                                                                                                              | 10:00–10:30 AM                 | Grand Ballroom Foyer       |
| Refreshment Breaks                                                                                                                             | 10:00–10:30 AM<br>3:00–3:30 PM | Grand Ballroom Foyer       |

| Thursday, March 5 (continued)                                                                                   |               |                              |
|-----------------------------------------------------------------------------------------------------------------|---------------|------------------------------|
| Oral Session 6 Nutrition                                                                                        | 10:30 AM–NOON | Grand Ballroom Salons V & VI |
| Early Career Luncheon: Global Collaborations in Cardiovascular Disease: Practical Perspectives and Experiences  | NOON–1:30 PM  | Grand Ballroom Salons VII–X  |
| EPI Council Annual Business Meeting and Networking Luncheon                                                     | NOON–1:30 PM  | Grand Ballroom Salons I–IV   |
| Oral Session 7<br>1:30–2:00 PM<br>William B. Kannel Memorial Lecture<br>2:00–3:00 PM<br>Stamler Award Finalists | 1:30–3:00 PM  | Grand Ballroom Salons V–VI   |
| Connection Corner                                                                                               | 3:00–3:30 PM  | Grand Ballroom Foyer         |
| Oral Session 8A<br>Nutrition in Childhood                                                                       | 3:30–5:00 PM  | Grand Ballroom Salons I–IV   |
| Oral Session 8B<br>Ethnic Health Disparities                                                                    | 3:30–5:00 PM  | Grand Ballroom Salons VII–X  |
| Oral Session 8C<br>Hot Off the Press                                                                            | 3:30–5:00 PM  | Grand Ballroom Salons V–VI   |
| Poster Session 3                                                                                                | 5:00–7:00 PM  | Harbor Ballroom              |
| Joint Council Dinner                                                                                            | 7:00–10:00 PM | Grand Ballroom Salons V–VI   |

| Friday, March 6                                                                                        |                                |                              |
|--------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------|
| Speaker Resource Center                                                                                | 7:30 AM–5:00 PM                | Chasseur                     |
| Zumba                                                                                                  | 6:00 AM–7:00 AM                | Grand Ballroom Salons I–II   |
| Yoga                                                                                                   | 6:00 AM–7:00 AM                | Grand Ballroom Salons III–IV |
| Conference Registration                                                                                | 7:30 AM–5:00 PM                | Grand Ballroom Foyer         |
| Continental Breakfast                                                                                  | 7:00–7:30 AM                   | Grand Ballroom Foyer         |
| Early Career Presentation Using Online Surveillance Tools for Heart Disease and Stroke Prevention      | 7:00 AM–8:20 AM                | Grand Ballroom Salons V–VI   |
| Oral Session 9<br>8:30–9:00 AM<br>Richard D. Remington Methodology Lecture<br>9:00–10:00 AM<br>Obesity | 8:30–10:00 AM                  | Grand Ballroom Salons V–VI   |
| Connection Corner                                                                                      | 10:00–10:30 AM                 | Grand Ballroom Foyer         |
| Refreshment Breaks                                                                                     | 10:00–10:30 AM<br>3:00–3:30 PM | Grand Ballroom Foyer         |
| Oral Session 10<br>Aging                                                                               | 10:30 AM–NOON                  | Grand Ballroom Salons V–VI   |
| Professional Development Roundtable Luncheons                                                          | NOON–1:30 PM                   | Grand Ballroom Salons VII–X  |
| Oral Session 11<br>Genetics/Metabolomics                                                               | 1:30–3:00 PM                   | Grand Ballroom Salons V–VI   |
| Connection Corner                                                                                      | 3:00–3:30 PM                   | Grand Ballroom Foyer         |
| Oral Session 12<br>ASPC Debate: New Blood Pressure Guidelines (JNC8): Right or Wrong?                  | 3:30–4:30 PM                   | Grand Ballroom Salons V–VI   |
| Poster Session 4                                                                                       | 4:30–6:30 PM                   | Harbor Ballroom              |

# Hotel Map



# Program Information

## Conference Description and Learning Objectives

### Conference Description

Each year, the American Heart Association's (AHA's) Council on Epidemiology and Prevention (EPI) and Council on Lifestyle and Cardiometabolic Health plan 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. The sessions serve as 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, the sessions include an emphasis on emerging mobile technologies for data collection and treatment that are expected to reveal new, more efficient strategies for conducting cardiovascular research and providing patient-centric care.

### Learning Objectives

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

- Identify current trends and associated opportunities to address modifiable risk factors for CVD to meet the components of "ideal cardiovascular health."
- Describe changing trends in cardiovascular morbidity, contributing factors and the associated economic burden with implications for preventing CVD, improving patient outcomes and reducing healthcare costs.
- Explain the causes and cardiovascular health consequences of continuing disparities in risk factors among certain racial/ethnic, age, gender and socioeconomic groups.
- Identify mobile tools and technologies that may facilitate patient engagement and behavioral change and provide patient-centric interventions toward reducing cardiovascular risk and improving cardiovascular care.
- Explain new and emerging electronic data resources and tools useful for cardiovascular research.
- Describe these tools' potential for conducting cardiovascular research and developing models that can predict CVD or slow its progression.
- Describe potential career pathways in clinical research and strategies for navigating the current funding environment.

## Continuing Medical Education Accreditation — Physicians

The American Heart Association is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The American Heart Association designates this live activity for a maximum of 27.00 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

All persons who develop and/or control educational content in CME activities sponsored by the American Heart Association will disclose to the audience all financial relationships with any commercial supporters of this activity as well as with other commercial interests whose lines of business are related to the CME-certified content of this activity. In addition, presenters will disclose unlabeled/unapproved uses of drugs or devices discussed in their presentations. Such disclosures will be made in writing in course presentation materials.

## Continuing Medical Education Accreditation — Physician Assistants

AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit*™ from organizations accredited by ACCME or a recognized state medical society. Physician assistants may receive a maximum of 27.00 hours of Category I credit for completing this program.

## Continuing Medical Education Accreditation — Nurse Practitioners

American Academy of Nurse Practitioners (AANP) accepts *AMA PRA Category 1 Credit*™ from organizations accredited by the ACCME.

## Continuing Education Accreditation — Nurses

The American Heart Association is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

The maximum number of hours awarded for this CE activity is 27.00 contact hours.

# Program Information (continued)

**\*\*ANCC and ACCME credit must be claimed within 6 months of attendance. CME/CE credit will no longer be available to claim for this activity after **September 6, 2015**.**

## Steps for Successful Completion

To successfully complete this activity, learners must fully participate in the sessions. Learners also must provide feedback that will be used for evaluative and outcomes measurement. Learners will check in onsite for attendance verification purposes and will be required to provide evaluative feedback before CME/CE credit can be claimed.

## Disclosure

All faculty participating in CME/CE activities sponsored by the American Heart Association will disclose to the audience: (1) significant financial relationships with the manufacturer(s) of products from the commercial supporter(s) and/or the manufacturer(s) of products or devices discussed in their presentation; and (2) unlabeled/unapproved uses of drugs or devices discussed in their presentation. Such disclosures will be made in writing in course presentation materials.

## Obtain Accreditation Certificate

1. Go to <http://learn.heart.org>.
2. Sign in with your username and password.
  - a. If you have an existing account on our Professional site (i.e., you registered online), please enter that username and password.
  - b. If you do not have an existing account with us, please create one on <http://learn.heart.org>.
  - c. If you do not remember your username and password, please click the "Forgot Username/password?" link on the log in page. Enter your first name, last name and email address in the spaces provided and your account information will be emailed to you. You may also call (888) 242-2453 (between 8:00 AM–5:00 PM Central Standard Time) for assistance.
3. Find the course under Delivery Method/Conferences, Workshops and Symposia.
4. Select to enroll.
5. You will be prompted to put in the authorization code **epil35**.
6. Click submit now.
7. Once enrolled, the course will go into your "My Courses" tab.
8. Launch the course.
9. Click on the evaluation survey link and submit your answers; this must be completed to claim CME/CE.
10. Click on the Claim CME/CE credit link.
11. Select the type of certificate you need from the drop-down menu.
12. Enter your time spent at the conference in hours and click update.
13. Claim and print your certificate.
14. Your course will be moved to "My Transcript" and will remain there for future reference.

For customer support, please contact our Service Center at (888) 242-2453 (8:00 AM–5:00 PM Central Standard Time) or email [learn@heart.org](mailto:learn@heart.org).

## Abstract Presentations

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

# Conference Highlights

## Featured Lectures, Programs and Keynotes

**Wednesday, March 4, 8:00 AM:** Please join the opening session – “CVD Epidemiology: Is There an App for That?” – featuring Elliott Antman, MD, FAHA, President, American Heart Association; Mike Lauer, MD, FACC, FAHA, National Heart, Lung, and Blood Institute; Kevin Volpp, MD, PhD, University of Pennsylvania; and Lesley Curtis, PhD, Duke University School of Medicine



**Wednesday, March 4, 1:30 PM: A Lifecourse Approach to Blood Pressure and Cardiovascular Risk** presented by Bonita Falkner, MD, FAHA, FASH, Thomas Jefferson University and Norrina Allen, PhD, MPH, Northwestern University



**Wednesday, March 4, 3:30 PM: Inter-Individual Differences in Response to Diet and Exercise. Is it Time for Personalized Exercise Medicine?** presented by Claude Bouchard, PhD, Pennington Biomedical Research Center



**Thursday, March 5, 8:00 AM: The David Kritchevsky Memorial Lecture: Optimizing Cardiovascular Health: Old and New Challenges** presented by Professor Kay-Tee Khaw, MBBChir, FRCP, University of Cambridge



**Thursday, March 5, 8:30 AM: Using Technology to Promote Cardiovascular Health** (session planned by the Society for Behavioral Medicine) featuring Deborah Tate, PhD, University of North Carolina Gillings School of Public Health and Ellen Beckjord, PhD, MPH, University of Pittsburgh



**Thursday, March 5, 1:30 PM: The William B. Kannel, MD Memorial Lecture** presented by Daniel Levy, MD, National Heart, Lung, and Blood Institute

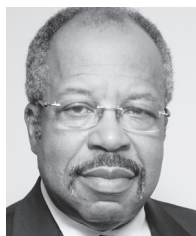
## Conference Highlights (continued)



**Friday, March 6, 8:30 AM: The Frederick Epstein Memorial Lecture** presented by Professor Simon Capewell, University of Liverpool

**Friday, March 6, 1:30 PM: Lipid Genetics for Epidemiologists** presented by Danish Saleheen, MBBS, PhD, Perelman School of Medicine at the University of Pennsylvania

**Friday, March 6, 3:30 PM: American Society for Preventive Cardiology Annual Debate: New Blood Pressure Guidelines (JNC8): Right or Wrong?** featuring Suzanne Oparil, MD, FACC, FAHA, FASH, University of Alabama at Birmingham and Jackson T. Wright, Jr., MD, PhD, FACP, University Hospital, Cleveland, Ohio



**WILEY**

Your invitation to submit to  
***JAHA – Journal of the American Heart Association***

**Submit at: [jaha-submit.aha-journals.org](http://jaha-submit.aha-journals.org)**



**Rapid publication**—Articles are online within 4 weeks of acceptance after payment of the article publication charge

**Fully compliant with Open Access mandates**—JAHA meets the requirements of funding organizations and institutions

**Discounted article publication charges for AHA/ASA members**—Find out more online

**JAHA offers you the ability to present all aspects of your work**—No restrictions on article length and unlimited use of color images and video

**Indexed widely**—Searchable in MEDLINE® and indexed in Thomson Reuters Science Citation Index Expanded™. See a complete list of where JAHA is indexed at [jaha.ahajournals.org](http://jaha.ahajournals.org)



## Special Features

Take advantage of the variety of special activities, many of which provide networking and educational opportunities for young investigators

- **Lifestyle and Cardiometabolic Health Annual Business Meeting & Networking Luncheon, Wednesday, March 4, Noon–1:30 PM.** A 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. The Lifestyle Early Career Committee is pleased to host a special presentation: **Navigating the Path to Independence: Strategies for Developing an Independent Research Program.** Please join us as a panel of early career and established investigators share some of their own strategies and answer audience questions about developing your own line of independent research. Developing an independent research program is a crucial step during the transition from trainee to faculty member. But, what does it mean to be independent, and how does one establish independence? *Panelists: Dr. Marie-Pierre St. Onge, PhD; Columbia University, Dr. Damon Swift, PhD; East Carolina University, Dr. Samuel Gidding, MD; Nemours Biomedical Research, Dr. Claude Bouchard, PhD, Pennington Biomedical Research Center.*  
**All Council members are invited; also bring a colleague who may be interested in hearing about the Council – opportunity for networking and leadership mentoring.**  
*Ticketed event. Tickets may be purchased at the registration desk if still available.*
- **NEW! Council on Epidemiology and Prevention Annual Business Meeting and Networking Luncheon, Thursday, March 5, Noon–1:30 PM.** Learn about the EPI Council mission and activities. The council will present a session during the last half of the luncheon on **Funding Your Research Ideas: Strategies from the Front Line**, featuring panelists Joshua Willey, MD, Columbia University; Mercedes Carnethon, PhD, Northwestern University; Lorraine Silsbee, MHS, National Institutes of Health; and Monika Safford, MD, University of Alabama.  
*Ticketed event. Tickets may be purchased at the registration desk if still available*
- **NHLBI Trainee Session on Cardiovascular Epidemiology, Biostatistics and Prevention, Wednesday, March 4, 1:00–5:00 PM.** Trainees in the National Heart, Lung, and Blood Institute (NHLBI)-supported programs will present their work in this session, and all conference registrants are invited to attend. There is no separate registration fee.
- **Annual Fun Walk/Run, Thursday, March 5, 6:00 AM.** Open to all attendees regardless of fitness level. This popular event continues to grow! See the Fun Run Registration table in the Grand Ballroom Foyer to sign up and get details.
- **Yoga and Zumba classes Wednesday March 4 and Friday March 6 at 6:00 AM.**
- **Hearts Diversity Reception.** *Hosted by the Council on Epidemiology and Prevention Minority Committee.* Informal networking for all minority attendees. Light hors d'oeuvres and cash bar after the poster session on Wednesday evening.
- **Hot Off the Press, Thursday March 5, 3:30–5:00 PM.** This session will provide a forum for in-depth discussion of important publications that were released less than six months before the conference. For details, please visit the registration desk.
- **Joint Council Annual Reception and Dinner, Thursday, March 5, 7:00 PM.** The cost is \$50 per person for registrants and their guests. Discounted tickets are offered for students and early career attendees. A cash bar will be offered along with food, drinks and great entertainment. Tickets may be purchased at registration (seating is limited).
- **Using Online Surveillance Tools for Heart Disease and Stroke Prevention, Friday, March 6, 7:30–8:20 AM.** The Centers for Disease Control and Prevention's Division for Heart Disease and Stroke Prevention has created unique online tools that enable researchers, public health practitioners and clinicians to examine and document heart disease and stroke outcomes across geographic regions, time periods, and sociodemographic groups using high quality and regularly updated data. This session will provide attendees an interactive experience including specific examples of how these tools can be used in their work. Presented by: Linda Schieb, and Robert Merritt, Division for Heart Disease and Stroke Prevention at the Centers for Disease Control and Prevention. **NOTE: This session is interactive with web-based demo tools. Attendees should plan to bring laptops or tablets in order to fully participate in the session.**
- **NEW! First Ever Pentathlon.** Incorporate physical activity into your conference experience this year. A variety of events are offered throughout the conference to help you stay active. Participate in all five and get "certified" as an EPI/Lifestyle Pentathlete! Yoga and Zumba classes will be offered both Wednesday and Friday mornings at 6 AM. Rise and shine and get a good start to your day! Sign up for the walking challenge at the iHealth Booth in the registration area to track your steps. Supplies are limited. Otherwise, take the steps instead of an elevator or escalator at least once throughout your day. Participate in the Fun Walk/Run Thursday morning and learn how to swing dance at the Joint Council Dinner Thursday evening. On Friday, March 6, pick up your certificate of completion at the registration desk and enter to win a one-year membership to the American Heart Association. Full Details available at registration desk.

## Special Features (continued)

### Early Career Events

- **Lifestyle and Cardiometabolic Health Annual Business Meeting and Networking Luncheon, Wednesday, March 4, Noon–1:30 PM.**
- **NEW! Council on Epidemiology and Prevention Annual Business Meeting and Networking Luncheon, Thursday, March 5, Noon–1:30 PM.**
- **Global Collaborations in Cardiovascular Disease: Practical Perspectives and Experiences, Thursday, March 5, Noon–1:30 PM** presented by Professor Simon Capewell, University of Liverpool, Goodarz Daneai, Harvard School of Public Health and Jemima Hoine Kamano, MD, Moi University School of Medicine. Open to all attendees.
- **Using Online Surveillance Tools for Heart Disease and Stroke Prevention, Friday, March 6, 7:30–8:20 AM.**
- **Professional Development Roundtables, Friday, March 6, Noon–1:30 PM.** These are an excellent opportunity for young investigators. A variety of investigators from several major studies, including AHA-related research programs, will identify opportunities for data sharing, collaboration and mentorship. We will be using a “speed dating” format to allow attendees about 20 minutes with up to three study investigators each day. All study tables take place in the Grand Ballroom Salons VII, VIII, IX & X. Boxed lunches will be available. Attendance is limited. Please see the registration desk for a full list of tables and instructions.
- **Connection Corner** is an excellent networking opportunity for conference attendees (especially first-time attendees and junior investigators). Offered during breaks on Thursday and Friday, connection corner will be staffed with representatives to provide advice on job searching and career advancement as well as program officers from various funding agencies to answer questions on funding opportunities. See the registration desk for a full list of representatives and times.

### 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 4 | 7:00 AM–3:30 PM |
| Thursday, March 5  | 7:00 AM–3:30 PM |





# 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, Thursday, March 5, at 7:00 PM.**

**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     |
|-------------------|---------------------|----------------------------|
| Stephen Juraschek | 21                  | Thursday, March 5, 2:00 PM |
| Bo Qin            | 22                  | Thursday, March 5, 2:15 PM |
| Connie Tsao       | 23                  | Thursday, March 5, 2:30 PM |
| Nathalie Moise    | 24                  | Thursday, March 5, 2:45 PM |

*The winner will be announced during the Joint Council Dinner on Thursday, March 5.*

**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      |
|------------------|---------------------|-----------------------------|
| Christy Avery    | 33                  | Thursday, March 5, 4:00 PM  |
| Majken Jensen    | 09                  | Wednesday, March 4, 2:30 PM |
| Linda Oude Griep | 35                  | Thursday, March 5, 4:30 PM  |
| Brent Williams   | MP07                | Tuesday, March 3, 5:00 PM   |

*The winner will be announced during the Joint Council Dinner on Thursday, March 5. 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 on Thursday, March 5, at 7:00 PM.**

**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   |
|-------------|---------------------|--------------------------|
| Nina Zubair | 56                  | Friday, March 6, 2:45 PM |

*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.

| Winners        | Presentation Number | Presentation Date/Time     |
|----------------|---------------------|----------------------------|
| Christina Dahm | 25                  | Thursday, March 5, 3:30 PM |
| Sonia Grandi   | MP20                | Tuesday, March 3, 5:00 PM  |
| Ayesha Sherzai | MP85                | Friday, March 6, 4:30 PM   |

*The Council on Epidemiology and Prevention gratefully acknowledges the grant provided by Wyeth-Ayerst Pharmaceuticals for the support of this award.*

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 on Thursday, March 5, at 7:00 PM.**

**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     |
|----------------|---------------------|----------------------------|
| Anne Thorndike | 34                  | Thursday, March 5, 4:15 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    |
|---------------------|---------------------|---------------------------|
| Alexis Frazier-Wood | 27                  | Thursday March 5, 4:00 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.*

## Conference Awards (continued)

**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.

| Winner           | Presentation Number | Presentation Date/Time      |
|------------------|---------------------|-----------------------------|
| Tian Hu          | MP26                | Wednesday, March 4, 5:00 PM |
| Christopher Imes | P110                | Wednesday, March 4, 5:00 PM |
| Yao Jie Xie      | P111                | Wednesday, March 4, 5:00 PM |
| Kunal Karmali    | P373                | Friday, March 6, 4:30 PM    |
| Karl Minges      | P274                | Thursday, March 5, 5:00 PM  |
| Yong-Moon Park   | P211                | Thursday, March 5, 5:00 PM  |
| Keith Pearson    | P039                | Tuesday, March 3, 5:00 PM   |
| Sabyasachi Sen   | MP74                | Friday, March 6, 4:30 PM    |
| Li Wang          | 17                  | Thursday, March 5, 11:00 AM |
| Danxia Yu        | P321                | Friday, March 6, 4:30 PM    |

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      |
|-------------|---------------------|-----------------------------|
| Seth Martin | 11                  | Wednesday, March 4, 4:00 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 is designed to recognize three outstanding abstracts submitted by young investigators.

| Winners      | Presentation Number | Presentation Date/Time      |
|--------------|---------------------|-----------------------------|
| Eric Ding    | 19                  | Thursday, March 5, 11:30 AM |
| Huijie Zhang | 46                  | Friday, March 6, 9:45 AM    |
| Tao Huang    | MP18                | Tuesday, March 3, 5:00 PM   |

### Epidemiology and Prevention Mentoring Award Winner

Dr. Gerardo Heiss, MD, MSc, PhD, Kenan Distinguished Professor, University of North Carolina at Chapel Hill

### Epidemiology and Prevention Early Career Travel Award Winners

Sadiya Khan  
Isaac Whitman  
Maya Vadiveloo  
Katherine Cheung  
Mercedes Sotos-Prieto

### Epidemiology and Prevention Minority Travel Grant Winners

Laurence James  
LaPrincess Brewer  
Justin Rene Buendia  
Mariel Arvizu

**American Society for Preventive Cardiology** will present the **Joseph Stokes III Award in Preventive Cardiology** to W. Virgil Brown, MD. The Stokes 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 sought to promote education, research and clinical practice in the field of preventive cardiology. The award will be presented during the council dinner Thursday, March 5, at 7:00 PM.

## Program Information

### Speaker Resource Room

The Speaker Resource Room is located in the **Chasseur Room**. Speakers are asked to deliver their presentations on CD 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 3.....   | 1:00–7:00 PM    |
| Wednesday, March 4..... | 7:30 AM–5:00 PM |
| Thursday, March 5.....  | 7:30 AM–5:00 PM |
| Friday, March 6.....    | 7:30 AM–5:00 PM |

### Registration Hours

|                         |                 |
|-------------------------|-----------------|
| Tuesday, March 3 .....  | 1:00–7:00 PM    |
| Wednesday, March 4..... | 7:00 AM–7:00 PM |
| Thursday, March 5.....  | 7:30 AM–5:00 PM |
| Friday, March 6.....    | 7:30 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.




# Circulation

An American Heart Association Journal

Representing the best in the field—combining basic, translational, clinical, and population research and publishing authoritative articles detailing the implications for application in your daily practice to improve patient outcomes.



**Submit Your Manuscript**

<http://circ-submit.aha-journals.org>

**RAPID PUBLICATION ONLINE ON ACCEPTANCE**

**Earn CME**

[cme.ahajournals.org](http://cme.ahajournals.org)

**FREE FOR ALL AHA/ASA MEMBERS**

**EDITOR-IN-CHIEF**  
Joseph Loscalzo, MD, PhD



[circ.ahajournals.org](http://circ.ahajournals.org)

A subscription includes access to *Circulation* online and on your iPad®.



Apple and iPad are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc.

# Policy Information

---

## Disclaimer

The conference 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.

## 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 30, 2015.

## No Smoking Policy

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 2015 Scientific Sessions caused by labor strikes, civil disorders, fires, weather conditions, or other acts of God or for any damages or losses resulting from such cancellations.*

# Satellite Symposium

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

Wednesday, March 5, 2015

1:00–5:00 PM

Kent A-C

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

## Session I

1:00–3:00 PM

### Moderators:

David M. Levine, MD, MPH, ScD,  
Johns Hopkins University, Baltimore, MD  
Katie Meyer, MPH, ScD. University of  
North Carolina, Chapel Hill, NC

### 1:00 Antidepressant Use and Incident Heart Failure Among Veterans With and Without HIV Infection and Major Depressive Disorder

**White JR**, Chang CH, Armah KA, University of Pittsburgh, Pittsburgh, PA; Stewart JC, Gupta SK, Indiana University, Indianapolis, IN; Butt AA, VA Pittsburgh Health Care System, Pittsburgh, PA; Gibert CL, Washington DC VA Medical Center, Washington, DC; Rimland D, Atlanta VA Medical Center, Decatur, GA; Rodriguez-Barradas MC, Michael E. DeBakey VA Medical Center, Houston, TX; Leaf DA, Greater Los Angeles VA Healthcare System, Los Angeles, CA; Bedimo RJ, VA North Texas Health Care System, Dallas, TX; Gottdiener JS, University of Maryland, Baltimore, MD; Kop WJ, Tilburg University, Tilburg, Netherlands; Gottlieb SS, University of Maryland, Baltimore, MD; Budoff MJ, Los Angeles Biomedical Research Institute, Torrance, CA; Khambaty T, Indiana University, Indianapolis, IN; Tindle HA, Vanderbilt University, Nashville, TN; Justice AC, Yale University, New Haven, CT; Freiberg MS, Vanderbilt University, Nashville, TN

### 1:15 Racial and Ethnic Differences in Cardiovascular Preventive Health Behaviors Among Pregnant and Postpartum Women: Behaviors, Barriers and Potential Solutions

**Harris AM**, Chilukuri N, West M, Henderson J, Lawson S, Polk S, Levine DM, Bennett WL, Johns Hopkins University, Baltimore, MD

### 1:30 Cardiovascular Health Correlates of Physical Activity and Sedentary Behavior Patterns in American Adults

**Jones SA**, Wen F, Herring AH, Evenson KR, University of North Carolina at Chapel Hill, Chapel Hill, NC

### 1:45 The Association of Neighborhood Food Availability and Income Inequality with BMI in the NHLBI Family Heart Study

**Gomez, F**, Washington University, St. Louis, MO; Oka M, University of Alcalá, Alcalá de Henares, Spain; Gehlert S, Borecki I, Washington University, St Louis, MO

### 2:00 Rural/Urban Differences in the Prevalence of Stroke Risk Factors

**Dawson EL**, University of Alabama at Birmingham, Birmingham, AL; Higginbotham J, University of Alabama, Tuscaloosa, AL; Kleindorfer DO, University of Cincinnati, Cincinnati, OH; Soliman EZ, Wake Forest University, Winston-Salem, NC; Cushman M, University of Vermont, Burlington, VT; Safford MM, Howard VJ, University of Alabama at Birmingham, Birmingham, AL; Kissela BM, University of Cincinnati, Cincinnati, OH; Judd SE, Howard G, University of Alabama at Birmingham, Birmingham, AL

### 2:15 Association Between Hypertension and Kidney Function Trajectory: The Atherosclerosis Risk in Communities Study

**Rebholz CM**, Chen Y, Matsushita K, Coresh J, Grams ME, Johns Hopkins University, Baltimore, MD

### 2:30 Cardiovascular Risk Factors in Adolescence and Young Adulthood Predict Carotid Intima-Media Thickness in Early and Middle Adult Life

**Fyfe-Johnson AL**, Steinberger J, Sinaiko AR, Alonso A, Dengel DR, Jacobs DR, University of Minnesota, Minneapolis, MN

### 2:45 The Project ReD CHiP (Reducing Disparities and Controlling Hypertension in Primary Care) Care Management Intervention: An Evaluation of Its Reach and Effectiveness

**Hussain T**, Franz W, Brown E, Taylor K, Okoye MT, Dalcin A, Dietz K, Halbert J, Boonyasai RT, Marsteller JA, Cooper LA, Johns Hopkins University, Baltimore, MD

### 3:00 Break



# Satellite Symposium (continued)

## Session II

3:15–5:00 PM

### Moderators:

Hemant Tiwari, Ph.D., University of Alabama, Birmingham, AL

Carlos Jose Rodriguez, MD, MPH, FACC, FAHA, Wake Forest School of Medicine, Winston-Salem, NC

- 3:15 **Electrical Disturbances in the Brain and Heart in Long QT Syndrome: A Dangerous Synergy**  
**Auerbach DS**, McNitt S, Andrews M, Ruwald M, Dirksen R, Moss A, University of Rochester, Rochester, NY
- 3:30 **Repeatability of Pulse Wave Velocity: The Atherosclerosis Risk in Communities (ARIC) Study**  
**Snyder ML**, University of North Carolina at Chapel Hill, Chapel Hill, NC; Tanaka H, University of Texas at Austin, Austin, TX; Palta P, Patel M, Camplain R, Couper D, University of North Carolina at Chapel Hill, Chapel Hill, NC; Cheng S, Harvard University, Boston, MA; Al Qunaibet A, Poon A, Heiss G, University of North Carolina at Chapel Hill, Chapel Hill, NC
- 3:45 **Circulating Level of Hepatocyte Growth Factor and Incidence of Diabetes Mellitus: The Multi-Ethnic Study of Atherosclerosis (MESA)**  
**Bancks MP**, University of Minnesota, Minneapolis, MN; Bielinski SJ, Decker PA, Mayo Clinic, Rochester, MN; Hanson NQ, University of Minnesota, Minneapolis, MN; Larson NB, Scotte H, Mayo Clinic, Rochester, MN; Wassel CL, University of Pittsburgh, Pittsburgh, PA; Pankow JS, University of Minnesota, Minneapolis, MN

- 4:00 **Comparison of Heritability Estimation Using the Principal Components Calculated by Maximizing Variance and Heritability for OSA Traits**  
**Liang J**, Feng T, Case Western Reserve University, Cleveland, OH; Cade B, Lin X, Saxena R, Gleason K, Harvard University, Boston, MA; Zhu X, Case Western Reserve University, Cleveland, OH; Redline S, Harvard University, Boston, MA
- 4:15 **Genetic Susceptibility to Particulate Matter-Associated QT Prolongation in a Trans-ethnic Genome-wide Association Study.**  
**Gondalia, RB**, University of North Carolina, Chapel Hill, NC on behalf of MOPMAP investigators
- 4:30 **Identification of Cellular Interactome for Vanin-1, a Novel Blood Pressure-Associated Protein**  
**Wang Y**, Zhu X, Case Western Reserve University, Cleveland, OH.
- 4:45 **QT Variability as a Predictor of Heart Failure and Ventricular Tachyarrhythmias in Patients from the Multicenter Automatic Defibrillator Implantation Trial with Cardiac Resynchronization Therapy**  
**Shapovalov Y**, Kashtan S, Kutyifa V, Zareba W, Couderc J-P; University of Rochester, Rochester, NY
- 5:00 **Adjourn**

### NHLBI Trainee Moderated Poster Session

5:30–6:30 PM

Harbor Ballroom

Poster numbers MP31–MP35 will be presented. See page 32 for details.





# Program

## Tuesday, March 3

### Poster Session 1

5:00–7:00 PM

Harbor Ballroom

### Poster Sessions

(P001–P096)

**See page 32 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.)

- 2020 Goals
- Cigarette Smoking
- Environmental Agents
- Hypertension 1
- Nutrition 1
- Preventive Cardiology
- Psychosocial/Quality of Life
- Sleep
- Social Determinants of Cardiovascular Health
- Surveillance
- Technology to Promote/Measure Health Behaviors

### Moderated Posters

(MP001–MP024)

**See page 32 for a full listing of the moderated poster presentations**

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

- Physical Activity and Outcomes
- Surveillance and eEpidemiology
- Nutrition
- Lifecourse

## Wednesday, March 4

- 6:00 **Yoga**  
Grand Ballroom III–IV
- 6:00 **Zumba**  
Grand Ballroom I–II
- 7:00 **Continental Breakfast**  
Grand Ballroom Foyer

### Session 1

#### CVD Epidemiology: Is There an App for That?

8:00–10:00 AM

Grand Ballroom Salons V–VI

#### Moderators:

Samuel S. Gidding, MD, FAHA, Alfred Dupont Hospital, Wilmington, DE  
Veronique Roger, MD, MPH, FAHA, Mayo Clinic, Rochester, MN

#### Panelist:

Elliott Antman, MD, FAHA, President, American Heart Association

- 8:00 **Welcome Remarks**  
Samuel S. Gidding, MD, FAHA, Alfred Dupont Hospital, Wilmington, DE, Chair, EPI/Lifestyle 2015 Program Committee  
Lawrence J. Appel, MD, MPH, Johns Hopkins Medical Institutions, Baltimore, MD, Chair, Council on Lifestyle & Cardiometabolic Health  
David Siscovick, MD, MPH, FAHA, New York Academy of Medicine, New York, NY, Chair, Council on Epidemiology and Prevention  
Elliott Antman, MD, FAHA, President of the American Heart Association
- 8:30 **EData Sciences and Epidemiology/Lifestyle Research: The Way Forward**  
Mike Lauer, MD, FACC, FAHA, National Heart, Lung and Blood Institute, Bethesda, MD
- 8:50 **Digital Devices, Behavioral Economics, and Health Improvement**  
Kevin Volpp, MD, PhD, University of Pennsylvania, Philadelphia, PA
- 9:10 **Bridging Traditional and Novel Methods for Data Collection/Analysis**  
Lesley Curtis, PhD, Duke University School of Medicine, Durham, NC
- 10:00 **Refreshment Break**  
Grand Ballroom Foyer

TUESDAY/WEDNESDAY

# Program (continued)

WEDNESDAY

## Session 2

### Outcomes

10:30 AM–NOON

Grand Ballroom Salons V–VI

### Moderators:

Alain G. Bertoni, MD, MPH, FAHA,  
Wake Forest University School of Medicine,  
Winston-Salem, NC  
Marie-France Hivert, MD, MMSc,  
Massachusetts General Hospital, Boston, MA

- 10:30 **The Role of Renin-Angiotensin-Aldosterone System Genes in the Progression of Chronic Kidney Disease: Findings from the Chronic Renal Insufficiency Cohort (CRIC) Study** **1**  
**Tanika N. Kelly**, Tulane Univ, New Orleans, LA; Dominic Raj, George Washington Univ, Washington, DC, DC; Mahboob Rahman, Case Western Reserve Univ, Cleveland, OH; Matthias Kretzler, Univ of Michigan, Ann Arbor, MI; Radhakrishna R. Kallem, Univ of Pennsylvania, Philadelphia, PA; Ana C. Ricardo, Univ of Illinois at Chicago, Chicago, IL; Sylvia E. Rosas, Harvard Medical Sch, Boston, MA; Kaixiang Tao, Daiwei Xie, Univ of Pennsylvania, Philadelphia, PA; L. Lee Hamm, Tulane Univ Sch of Med, New Orleans, LA; Jiang He, Tulane Univ, New Orleans, LA
- 10:45 **Lifetime Risk of Lower Extremity Peripheral Artery Disease in the US** **2**  
**Kunihiro Matsushita**, Yingying Sang, Shoshana Ballew, Eric K. Chow, Morgan Grams, Elizabeth Selvin, Johns Hopkins Univ, Baltimore, MD; Alan T. Hirsch, Univ of Minnesota, Minneapolis, MN; Josef Coresh, Johns Hopkins Univ, Baltimore, MD
- 11:00 **Outpatient Care Preceding Incident Heart Failure (HF) and Implications for Long-Term Outcomes. The Atherosclerosis Risk in Communities (ARIC) Study** **3**  
**Anna Kucharska-Newton**, Lloyd Chambless, Ricky Camplain, Carmen Cuthbertson, Patricia Chang, Univ of North Carolina, Chapel Hill, NC; Sunil Agarwal, Icahn Sch of Med at Mt Sinai, New York, NY; Lisa Wruck, Univ of North Carolina, Chapel Hill, NC; Norrina Allen, Northwestern Univ, Chicago, IL; Eyal Shahar, Univ of Arizona, Tucson, AZ; Alain Bertoni, Wake Forest Univ, Winston-Salem, NC; Gerardo Heiss, Univ of North Carolina, Chapel Hill, NC
- 11:15 **Incident Heart Failure and Longitudinal Cognitive Trajectories in the Cardiovascular Health Study** **4**  
**Christa Schank**, Natalie J. Blades, Brigham Young Univ, Provo, UT; Sarwat I. Chaudhry, Yale Sch of Med, New Haven, CT; John A. Dodson, New York Univ Medical Ctr, New York, NY; W T Longstreth Jr, Susan R. Heckbert, Bruce M. Psaty, Alice M. Arnold,

Univ of Washington, Seattle, WA; Sascha Dublin, Group Health Res Inst, Seattle, WA; Colleen M Sitlani, Univ of Washington, Seattle, WA; Julius M Gardin, Hackensack Univ Medical Ctr, Hackensack, NJ; Stephen M. Thielke, Univ of Washington, Seattle, WA; Michael Nanna, Yale Sch of Med, New Haven, CT; Rebecca F. Gottesman, Johns Hopkins Univ Sch of Med, Baltimore, MD; Anne B. Newman, Univ of Pittsburgh, Pittsburgh, PA; Evan L. Thacker, Brigham Young Univ, Provo, UT

- 11:30 **Assessing Population Impact of Statin Treatment for Primary Prevention of Atherosclerotic Cardiovascular Diseases in US** **5**  
**Quanhe Yang**, Yuna Zhong, Catheen Gillespie, Robert Merritt, Barbara Bowman, Mary George, Ctrs for Diseases Control and Prevention (CDC), Atlanta, GA; Dana Flanders, Emory Univ, Atlanta, GA
- 11:45 **Higher Fitness is Associated with Lower Health Care Costs: The Veterans Exercise Testing Study** **6**  
**Jonathan Myers**, VA Palo Alto Health Care System/Stanford Univ, Palo Alto, CA; Rachelle Doom, VA Palo Alto Health Care System, Palo Alto, CA; Robert King, VA Palo Alto Health Care System, Palo Alto, CA; Holly Fonda, Joshua Abella, VA Palo Alto Health Care System, Palo Alto, CA; Victor Froelicher, VA Palo Alto Health Care System/Stanford Univ, Palo Alto, CA; Peter Kokkinos, Veterans Affairs Medical Ctr, Washington, DC; Khin Chan, VA Palo Alto Health Care System, Palo Alto, CA

## Lifestyle and Cardiometabolic Health Annual Business Meeting & Networking Luncheon NOON–1:30 PM

(Separate registration required)  
Grand Ballroom Salon Salons I–IV

## Navigating Your Path to Independence: Strategies for Developing Your Own Independent Program of Research

## Session 3

### Lipids/Hypertension

1:30–3:00 PM

Grand Ballroom Salons V–VI

### Moderators:

Nathan D. Wong, PhD, MPH, University of California, Irvine, Irvine, CA  
Luc DJousse, MD, DSc, Boston University School of Medicine, Boston, MA

- 1:30 **Keynote: A Lifecourse Approach to Blood Pressure and Cardiovascular Risk**  
Bonita Falkner, MD, FAHA, FASH, Thomas Jefferson University and Norrina Allen, PhD, MPH, Northwestern University

# Program (continued)

- 2:00 **Longitudinal Patterns of Change in Systolic Blood Pressure (SBP) and Incidence of Cardiovascular Disease. The Atherosclerosis Risk in Communities (ARIC) Study**  
**Natalia Petruski-Ivleva**, Anthony Viera, David Couper, Univ of North Carolina, Chapel Hill, NC; Daichi Shimbo, Columbia Univ, New York, NY; Paul Muntner, Univ of Alabama, Birmingham, AL; Christy Avery, Univ of North Carolina, Chapel Hill, NC; Andrea Schneider, Johns Hopkins Univ, Baltimore, MD; Anna Kucharska-Newton, Univ of North Carolina, Chapel Hill, NC
- 2:15 **Heterogeneity in Transitioning from Ideal Blood Pressure Over the Life Course in the US**  
**Shakia T. Hardy**, Katelyn M. Holliday, Sujatro Chakladar, Joseph C. Engeda, Gerardo Heiss, Danyu Lin, Christina M. Shay, Donglin Zeng, Christy L. Avery, UNC-Chapel Hill, Chapel Hill, NC
- 2:30 **HDL That Contains Apolipoprotein C-III is Not Inversely Associated with Risk of Coronary Events: The Multi-Ethnic Study of Atherosclerosis**  
**Majken K. Jensen**, Sarah A. Aroner, Jeremy D. Furtado, Harvard Sch of Public Health, Boston, MA; Kenneth J. Mukamal, Beth Israel Deaconess Medical Ctr, Boston, MA; Wendy S. Post, John Hopkins Sch of Med, Baltimore, MD; Joseph F. Polak, Tufts Medical Ctr, Boston, MA; Frank M. Sacks, Harvard Sch of Public Health, Boston, MA; Robyn McClelland, Univ of Washington, Seattle, WA
- 2:45 **Lipid Biomarkers Predict the Effect of Hormone Therapy on Coronary Heart Disease Risk: A Secondary Analysis of the Heart and Estrogen/Progestin Replacement Study**  
**Patti Curl**, UCSF, San Francisco, CA
- 3:00 **Refreshment Break**  
*Grand Ballroom Foyer*

7

8

9

10

## Session 4

### Physical Activity

3:30–5:00 PM

*Grand Ballroom Salons V–VI*

### Moderators:

Jean-Pierre Després, PhD, FAHA, FIAS, Centre de recherche de l'Institut universitaire de cardiologie et de pneumologie de Québec, Québec, QC, Canada  
 Deborah R. Young, PhD, Kaiser Permanente Southern California, Pasadena, CA

- 3:30 **Keynote: Inter-Individual Differences in Response to Diet and Exercise. Is it Time for Personalized Exercise Medicine?**  
 Claude Bouchard, PhD, Pennington Biomedical Research Center
- 4:00 **mActive: A Blinded, Randomized mHealth Trial Supporting Digital Tracking and Smart Texting for Promotion of Physical Activity**  
**Seth S. Martin**, David I. Feldman, Roger S. Blumenthal, Steven R. Jones, Wendy S. Post, Chiadi E. Ndumele, Elizabeth V. Ratchford, Josef Coresh, Michael J. Blaha, Johns Hopkins Univ, Baltimore, MD
- 4:15 **Afterschool Soccer Fitness and Nutrition Program Improves BMI Percentile, Waist Circumference, and Fitness Levels in Participants Compared to Nonparticipants**  
**Danielle Hollar**, Healthy Networks Design & Res, Shepherdstown, WV; Weidan Zhou, Elite Res, LLC, Carrollton, TX; Zach Riggle, U.S. Soccer Fndn, Washington, DC
- 4:30 **Relations of Midlife Exercise Blood Pressure, Heart Rate and Fitness to Late Life Brain Structure and Function**  
**Nicole L. Spartano**, Jayandra J. Himali, Alexa S. Beiser, Boston Univ, Boston, MA; Charles DeCarli, UC Davis, Davis, CA; Ramachandran S. Vasan, Sudha Seshadri, Boston Univ, Boston, MA
- 4:45 **Poor Physical Activity is Associated with Subclinical Myocardial Injury in Obese Adults**  
**Roberta Florido**, Chiadi E. Ndumele, Yuanjie Pang, Kunihiro Matsushita, Jennifer A. Schrack, Mariana Lazo, Johns Hopkins Univ, Baltimore, MD; Vijay Nambi, Michael E. DeBaakey Veterans Affairs Hosp; Baylor Coll of Med, Houston, TX; Roger S. Blumenthal, Johns Hopkins Univ, Baltimore, MD; Aaron R. Folsom, Univ of Minnesota, Minneapolis, MN; Josef Coresh, Johns Hopkins Univ, Baltimore, MD; Christie M. Ballantyne, Baylor Coll of Med, Houston, TX; Elizabeth Selvin, Johns Hopkins Univ, Baltimore, MD

11

12

13

14

WEDNESDAY

# Program (continued)

## Poster Session 2

5:00–7:00 PM

Harbor Ballroom

### Poster Sessions

(P097–P193)

**See page 32 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.)

- Arrhythmia/Sudden Death
- Behavioral and Lifestyle Intervention Trials
- Aging and Elderly
- Childhood and Youth
- Childhood to Elderly
- Diabetes 1
- Peripheral Artery Disease
- Pregnancy and Maternal/Fetal Health
- Renal Disease
- Stroke
- Subclinical Disease
- Venous Thrombosis

### Moderated Posters

(MP025–MP048)

**See page 32 for a full listing of the moderated poster presentations**

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

- Childhood Obesity
- NHLBI Poster Session
- Global Health
- Biomarkers and Subclinical Disease

### Hearts Diversity Reception

7:00–9:00 PM

Grand Ballroom Salons IX–X

Hosted by the Council on Epidemiology and Prevention Minority Committee

## Thursday, March 5

6:00 Fun Walk/Run

7:00 Continental Breakfast

Grand Ballroom Foyer

### Session 5

8:00–10:00 AM

Grand Ballroom Salons V–VI

#### Moderators:

Robert Ross, PhD, FACSM, FAHA,  
Queen's University, Kingston, ON  
Lora E. Burke, PhD, MPH, FAAN, FAHA,  
University of Pittsburgh, Pittsburgh, PA

8:00 **The David Kritchevsky Memorial Lecture  
Optimizing Cardiovascular Health: Old and  
New Challenges**

Kay-Tee Khaw, MBBChir, FRCP, University  
of Cambridge

8:30 **Using Technology to Promote  
Cardiovascular Health**

(session planned by the Society for  
Behavioral Medicine)

8:35 **eHealth and mHealth Approaches for Obesity  
Prevention and Treatment**

Deborah Tate, PhD, University of North Carolina  
Gillings School of Public Health

9:15 **Developing and User-Testing a Just-In-Time  
Adaptive Intervention for Smoking Cessation**

Ellen Beckjord, PhD, MPH, University of Pittsburgh

10:00 **Refreshment Break and Connection Corner**

Grand Ballroom Foyer

### Session 6

Nutrition

10:30 AM–NOON

Grand Ballroom Salons I–IV

#### Moderators:

Christopher D. Gardner, PhD, Stanford University  
School of Medicine, Stanford, CA  
Marie Pierre St Onge, PhD, FAHA, Columbia  
Univ Medical Ctr, New York, NY

10:30 **Trends in Consumption of Key Foods and  
Nutrients Linked to Cardiometabolic Risk  
Among Us Adults, 1999 to 2012** 15

Colin D. Rehm, Dariush Mozaffarian, Tufts  
Univ, Boston, MA

# Program (continued)

- 10:45 **A Pro-Vegetarian Food Pattern and Cardiovascular Mortality in the Epic Study**  
**Camille Lassale**, Imperial Coll London, London, United Kingdom; Joline Beulens, Yvonne Van der Schouw, Univ Medical Ctr Utrecht, Utrecht, Netherlands; Nina Roswall, Inst of Cancer Epidemiology, Copenhagen, Denmark; Elizabete Weiderpass, Univ of Tromsø, Breivika, Norway; Dora Romaguera, Elio Riboli, Ioanna Tzoulaki, Imperial Coll London, London, United Kingdom
- 11:00 **One Avocado Per Day Lowers Plasma Oxidized-LDL and Increases Plasma Antioxidants in Overweight and Obese Adults**  
**Li Wang**, Ling Tao, Todd H. Stanley, Jennifer A. Fleming, Joshua D. Lambert, Penny M. Kris-Etherton, Pennsylvania State Univ, University Park, PA
- 11:15 **Changes in Diet Quality Scores and Risk of Cardiovascular Disease Among US Men and Women**  
**Mercedes Sotos-Prieto**, Shilpa N. Bhupathiraju, Josiemer Mattei, Teresa T. Fung, Yanping Li, Harvard Sch of Public Health, Boston, MA; An Pan, Saw Swee Hock Sch of Public Health, Natl Univ of Singapore, Singapore, MA; Walter C. Willett, Eric B. Rimm, Frank B. Hu, Harvard Sch of Public Health, Boston, MA
- 11:30 **Dietary Lipophilic Load and Dietary Lipophilic Index with Risk of Coronary Heart Disease in Middle-Aged Women: Beyond Conventional Fat Classifications**  
**Eric L. Ding**, Katerina M. De Vito, Hongyu Wu, Qi Sun, Harvard Sch of Public Health, Boston, MA; An Pan, Natl Univ of Singapore, Singapore, Singapore; Hannia Campos, Ellis J. O'Reilly, Harvard Sch of Public Health, Boston, MA; JoAnn E. Manson, Brigham and Women's Hosp and Harvard Medical Sch, Boston, MA
- 11:45 **Carbohydrate Quality, Measured Using Multiple Carbohydrate Quality Metrics, is Negatively Associated with Risk of Type 2 Diabetes in US Women**  
**Hala AlEsa**, Shilpa Bhupathiraju, Vasanti Malik, Harvard Sch of Public Health, Boston, MA; Nicole Wedick, Univ of Massachusetts Medical Sch, Worcester, MA; Hannia Campos, Bernard Rosner, Walter Willett, Frank B. Hu, Harvard Sch of Public Health, Boston, MA

16

**Council on Epidemiology and Prevention Annual Business Meeting and Networking Luncheon**  
**NOON–1:30 PM**  
*Grand Ballroom Salons I–IV*

## Funding Your Research Ideas: Strategies from the Front Line

Josh Willey, MD, Columbia University  
 Mercedes Carnethon, PhD, Northwestern University  
 Lorraine Silsbee, MHS, National Institutes of Health  
 Monika Safford, MD, University of Alabama

## Early Career Special Presentation Noon–1:30 PM

*Grand Ballroom Salons VII–X*

## Global Collaborations in Cardiovascular Disease: Practical Perspectives and Experiences

Professor Simon Capewell, University of Liverpool,  
 Goodarz Daneai, Harvard School of Public Health  
 and Jemima Hoine Kamano, MD, Moi University School of Medicine

## Session 7

### Stamler Award Finalists

**1:30–3:00 PM**

*Grand Ballroom Salons V–VI*

### Moderators:

Donald M. Lloyd-Jones, MD ScM FACC FAHA, Northwestern University, Chicago, IL  
 Martha Daviglus, MD, PhD, Northwestern University, Chicago, IL

1:30 **The William B. Kannel Memorial Lecture**  
 Daniel Levy, MD, National Heart Lung and Blood Institute

2:00 **The Effects of Carbohydrate Amount and Type on Kidney Function in Healthy Adults: Results From the Omnicarb Trial**  
**Stephen P. Juraschek**, Johns Hopkins Univ, Baltimore, MD; Alex R. Chang, Geisinger Health System, Harrisburg, PA; Lawrence J. Appel, Johns Hopkins Univ, Baltimore, MD; Cheryl A. Anderson, Univ of California, San Diego, San Diego, CA; Deidra C. Crews, Jeanne Charleston, Edgar R. Miller, Johns Hopkins Univ, Baltimore, MD

20

21

THURSDAY



# Program (continued)

THURSDAY

- |                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2:15                                                                                                                                                                                                                                                                         | <b>Visit-to-Visit Variability in Blood Pressure is Related to Late-Life Cognitive Decline</b><br><b>Bo Qin</b> , Univ of North Carolina at Chapel Hill Sch of Public Health, Chapel Hill, NC; Anthony J. Viera, Univ of North Carolina at Chapel Hill Sch of Med, Chapel Hill, NC; Linda S. Adair, Univ of North Carolina at Chapel Hill Sch of Public Health, Chapel Hill, NC; Brenda L. Plassman, Duke Univ Medical Ctr, Durham, NC; Lloyd J. Edwards, Barry M. Popkin, Michelle A. Mendez, Univ of North Carolina at Chapel Hill Sch of Public Health, Chapel Hill, NC             | 22 | Walter C. Willett, Dept of Nutrition, Harvard Sch of Public Health, Boston, MA; Eric B. Rimm, Harvard Medical Sch, Harvard Sch of Public Health, Boston, MA; Stephanie E. Chiuve, Harvard Sch of Public Health, Brigham And Women's Hosp, Boston, MA                                                                                                                                                                               |
| 2:30                                                                                                                                                                                                                                                                         | <b>Divergent Temporal Trends in the Incidence of Heart Failure with Preserved and Reduced Ejection Fraction</b><br><b>Connie W. Tsao</b> , Beth Israel Deaconess Medical Ctr, Boston, MA; Asya Lyass, Martin G. Larson, Ramachandran S. Vasan, Boston Univ, Boston, MA                                                                                                                                                                                                                                                                                                                | 23 | 3:45 <b>DASH-Style Eating Pattern in Early Adolescence Reduces Cardiometabolic Risk Clustering</b><br><b>Lynn L. Moore</b> , M. Loring Bradlee, Martha R. Singer, Boston Univ Sch of Med, Boston, MA; Stephen R. Daniels, Univ of Colorado Sch of Med and The Children's Hosp, Denver, CO                                                                                                                                          |
| 2:45                                                                                                                                                                                                                                                                         | <b>From JNC 1 to JNC 8: Population Impact and Cost-Effectiveness of U.S. Hypertension Guidelines</b><br><b>Nathalie Moise</b> , Keane Tzong, Lee Goldman, Columbia Univ Medical Ctr, New York, NY; Pamela Coxson, Kirsten Bibbins-Domingo, Univ of California at San Francisco, San Francisco, CA; Andrew Moran, Columbia Univ Medical Ctr, New York, NY                                                                                                                                                                                                                              | 24 | 4:00 <b>Poor Adherence to US Dietary Guidelines for Children and Adolescents in the National Health and Nutrition Examination Survey (NHANES) 2005-2010 Population</b><br><b>Alexis C. Frazier-Wood</b> , Baylor Coll of Med, Houston, TX; Emily C Banfield, Univ of Texas Health Sch of Public Health, Houston, TX; Yan Liu, Baylor Coll of Med, Houston, TX; Jennifer S. Davis, Shine Chang, MD Anderson Cancer Ctr, Houston, TX |
| 3:00                                                                                                                                                                                                                                                                         | <b>Refreshment Break and Connection Corner</b><br><i>Grand Ballroom Foyer</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    | 4:15 <b>KickinNutrition.TV: A Digital Nutrition Education Curriculum for Middle-School Students Increases Self-Efficacy for Healthy Habits</b><br>Nicolette S. Maggiolo, Raymond T. Yan, Boston Univ, Boston, MA; Christine M. Zakhour, Kaylie A. Patrick, Boston Univ Sch of Public Health, Boston, MA; Tianjiao Cui, <b>Paula A. Quatromoni</b> , Boston Univ, Boston, MA                                                        |
| <b>Concurrent Session 8A</b><br><b>Nutrition in Childhood</b><br><b>3:30–5:00 PM</b><br><i>Grand Ballroom Salons I–IV</i><br><b>Moderators:</b><br>Sarah De Ferranti, MD, MPH, Boston Children's Hospital, Boston, MA<br>Alice H. Lichtenstein, D.Sc. Tufts Univ, Boston, MA |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    | 4:30 <b>Loss of Ideal Total Cholesterol Early in Life: The National Health and Nutrition Examination Survey (NHANES)</b><br><b>Joseph C. Engeda</b> , Katelyn M. Holliday, Shakia T. Hardy, Sujatro Chakladar, Gerardo Heiss, Danyu Lin, Donglin Zeng, Christina M. Shay, Christy L Avery, Univ of North Carolina, Chapel Hill, Chapel Hill, NC                                                                                    |
| 3:30                                                                                                                                                                                                                                                                         | <b>Adolescent Diet Quality and Primordial Prevention of Cardiovascular Disease in the Nurses' Health Study II</b><br><b>Christina C. Dahm</b> , Dept of Public Health, Aarhus Univ, Aarhus C, Denmark; Andrea K. Chomistek, Sch of Public Health, Indiana Univ, Bloomington, IN; Marianne U. Jakobsen, Dept of Public Health, Aarhus Univ, Aarhus C, Denmark; Kenneth J. Mukamal, Beth Israel Deaconess Medical Ctr, Boston, MA; Heather Eliassen, Harvard Medical Sch, Harvard Sch of Public Health, Boston, MA; Kim Overvad, Dept of Public Health, Aarhus Univ, Aarhus C, Denmark; | 25 | 4:45 <b>High Intra-Individual Variation in Urinary Sodium Excretion in Teenage Girls on a Fixed Sodium Intake</b><br><b>Berdine Martin</b> , George McCabe, Linda McCabe, Purdue Univ, West Lafayette, IN; Lawrence J. Appel, Johns Hopkins Univ Sch of Med, Baltimore, MD; Connie Weaver, Purdue Univ, West Lafayette, IN                                                                                                         |



## Concurrent Session 8B

### Ethnic Health Disparities

3:30–5:00 PM

Grand Ballroom Salons VII–X

#### Moderators:

Carlos J. Rodriguez, MD, MPH, Wake Forest University, Winston-Salem, NC

Crystal W. Cene, MD, MPH, University of North Carolina, Chapel Hill, NC

- 3:30 **Impact of Acculturation on Cardiac Structure and Function Among Latinos in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL): The ECHO-SOL Ancillary Study** **31**  
**Lenny Lopez**, Massachusetts General Hosp, Boston, MA; Katrina Sweet, Wake Forest Sch of Med, Winston-Salem, NC; Fátima Rodríguez, Stanford Univ, Palo Alto, CA; Jorge R. Kizer, Albert Einstein Coll of Med, Bronx, NY; Frank J. Penedo, Northwestern Univ, Chicago, IL; Linda C. Gallo, San Diego State Univ, San Diego, CA; Matthew A. Allison, Univ of California San Diego, San Diego, CA; William Arguelles, Univ of Miami, Miami, FL; Franklyn Gonzalez II, Univ of North Carolina, Chapel Hill, NC; Robert Kaplan, Albert Einstein Coll of Med, Bronx, NY; Carlos Rodríguez, Wake Forest Sch of Med, Winston-Salem, NC
- 3:45 **Global Burden and Control of Hypertension in 2010: Analysis of Population-Based Studies from 89 Countries** **32**  
**Katherine T. Mills**, Joshua D. Bundy, Tanika N. Kelly, Jennifer E. Reed, Tulane Univ, New Orleans, LA; Patricia M. Kearney, Univ Coll Cork, Cork, Ireland; Kristi Reynolds, Kaiser Permanente Southern California, Pasadena, CA; Jing Chen, Jiang He, Tulane Univ, New Orleans, LA
- 4:00 **Early Loss of Normal Body Weight in Multiethnic US Populations: The Hispanic Community Health Study/Study of Latinos (HCHS/SOL), Strong Heart Family Study (SHFS), and the National Health and Nutrition Examination Survey (NHANES)** **33**  
**Christy L. Avery**, Katelyn M. Holliday, Sujatro Chakladar, Dan Yu Lin, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Ashley E. Moncrieft, Univ of Miami, Miami, FL; Robert J. Ostfeld, Yeshiva Univ, New York, NY; Jared P. Reis, Natl Heart, Lung and Blood Inst, Bethesda, MD; Pamela J. Schreiner, Univ of Minnesota, Minneapolis, MN; Christina M. Shay, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Jeremiah Stamler, Northwestern Univ,

Chicago, IL; Gregory A. Talavera, San Diego State Univ, San Diego, CA; Fawn Yeh, Univ of Oklahoma, Norman, OK; Marston Youngblood, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Ying Zhang, Univ of Oklahoma, Norman, OK; Martha L. Daviglus, Univ of Illinois at Chicago, Chicago, IL; Gerardo Heiss, Donglin Zeng, Univ of North Carolina at Chapel Hill, Chapel Hill, NC

- 4:15 **Traffic-Light Labels and Financial Incentives Reduce Purchase of Sugar-Sweetened Beverages by Low-Income, Latino Families: A Randomized Controlled Trial** **34**  
**Anne Thorndike**, Douglas E. Levy, Massachusetts General Hosp, Boston, MA; Lorena Macias-Navarro, Rebecca L. Franckle, Eric B. Rimm, Harvard Sch of Public Health, Boston, MA
- 4:30 **Unprocessed and Processed Meat Consumption and Blood Pressure: The INTERMAP Study** **35**  
**Linda M. Oude Griep**, Imperial Coll London, London, United Kingdom; Paraskevi Seferidi, Wageningen Univ, Wageningen, Netherlands; Jeremiah Stamler, Northwestern Univ, Chicago, IL; Queenie Chan, Imperial Coll London, London, United Kingdom; Linda Van Horn, Northwestern Univ, Chicago, IL; Lyn M. Steffen, Univ of Minnesota, Minneapolis, MN; Katsuyuki Miura, Hirosugu Ueshima, Shiga Univ of Medical Science, Otsu, Japan; Nagako Okuda, Natl Inst of Health and Nutrition, Tokyo, Japan; Liancheng Zhao, Fu Wai Hosp and Cardiovascular Inst, Beijing, China; Sabita S. Soedamah-Muthu, Wageningen Univ, Wageningen, Netherlands; Martha L. Daviglus, Univ of Illinois, Chicago, IL; Paul Elliott, Imperial Coll London, London, United Kingdom
- 4:45 **Sedentary Behavior and Cardiometabolic Risk Factors Among US Hispanic/Latino Adults: The Hispanic Community Health Study/Study of Latinos (HCHS/SOL)** **36**  
**Qibin Qi**, Garrett Strizich, Albert Einstein Coll of Med, Bronx, NY; Gina Merchant, Christina Buelna, Sheila F. Castañeda, Linda C. Gallo, San Diego State Univ, San Diego, CA; Jianwen Cai, Univeristy of North Carolina, Chapel Hill, NC; Marc D. Gellman, Univ of Miami, Miami, FL; Carmen Isasi, Albert Einstein Coll of Med, Bronx, NY; Ashley E. Moncrieft, Univ of Miami, Miami, FL; Lisa A. Sanchez-Johnsen, Univ of Illinois at Chicago, Chicago, IL; Neil Schneiderman, Univ of Miami, Miami, FL; Robert Kaplan, Albert Einstein Coll of Med, Bronx, NY

# Program (continued)

## Concurrent Session 8C

### Hot Off the Press

3:30–5:00 PM

Grand Ballroom Salons V–VI

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 presentations. (*Presentations 37–42*)

## Poster Session 3

5:00–7:00 PM

Harbor Ballroom

### Poster Sessions

(P194–P291)

See page 32 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.)

- Bench to Bedside Population
- Hypertension 2
- Lipids and Lipoproteins
- Infection and HIV
- Methodology
- Other
- Obesity
- Physical Activity/Fitness

## Moderated Poster Sessions

(MP049–MP072)

See page 32 for a full listing of the moderated poster presentations

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

- EARLY Trials of Weight Loss in Young Adults
- Heart Failure
- Community Health
- Sleep

## Joint Council Annual Reception and Dinner *(Ticketed event)*

7:00–11:00 PM

Grand Ballroom V–VI

## Friday, March 6

6:00 **Yoga**

Grand Ballroom III–IV

6:00 **Zumba**

Grand Ballroom I–II

7:00 **Continental Breakfast**

Grand Ballroom Foyer

7:30 **Using Online Surveillance Tools for Heart Disease and Stroke Prevention**

Grand Ballroom Salons V–VI

Presented by Linda Schieb and Robert Merritt, Division for Heart Disease and Stroke Prevention at the Centers for Disease Control and Prevention.

*NOTE: This session is interactive with web-based demo tools. Attendees should plan to bring laptops or tablets in order to fully participate in the session.*

## Session 9

### Obesity

8:30–10:00 AM

Grand Ballroom Salons V–VI

### Moderators:

Wayne D. Rosamond, PhD, MS University of North Carolina at Chapel Hill, Chapel Hill, NC  
David S Siscovick, MD, MPH, FAHA, New York Academy of Medicine, New York, NY

8:30 **The Frederick Epstein Memorial Lecture**

Professor Simon Capewell, University of Liverpool

9:00 **Association of Plasminogen Activator Inhibitor-1 with Prevalent and Incident Obesity is Independent of Inflammatory Markers: The Multi-Ethnic Study of Atherosclerosis (MESA)** 43

**Sadiya S. Khan**, Donald M. Lloyd-Jones, Cheelin Chan, Kiang Liu, Northwestern Univ Feinberg Sch of Med, Chicago, IL; Mary Cushman, Univ of Vermont Coll of Med, Colchester, VT; Bryan Kestenbaum, Univ of Washington, Seattle, WA; Joachim Ix, Univ of California, San Diego, San Diego, CA; Ian De Boer, Univ of Washington, Seattle, WA

9:15 **Cardiometabolic Responses to Weight Change are Different between Obese and Normal Weight Adults Who are Metabolically Healthy: The Atherosclerosis Risk in Communities Study** 44

**Zhaohui Cui**, Kimberly P. Truesdale, Patrick T. Bradshaw, Jianwen Cai, June Stevens, Gillings Sch of Global Public Health, Univ of North Carolina at Chapel Hill, Chapel Hill, NC

# Program (continued)

|                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9:30                                                                                                                                                                                              | <b>Prior Weight History Provides Prognostic Information Beyond Current Weight Regarding HF Risk</b><br><b>Chiadi E. Ndumele</b> , Laura Cobb, Mariana Lazo, Johns Hopkins Univ, Baltimore, MD; Natalie Bello, Columbia Univ, New York, NY; Amil Shah, Brigham and Women's Hosp, Boston, MA; Vijay Nambi, Michael E. DeBakey Veterans Affairs Hosp, Houston, TX; Roger S. Blumenthal, Gary Gerstenblith, Johns Hopkins Univ, Baltimore, MD; Scott D. Solomon, Brigham and Women's Hosp, Boston, MA; Christie M. Ballantyne, Baylor Coll of Med, Houston, TX; Elizabeth Selvin, Josef Coresh, Johns Hopkins Univ, Baltimore, MD                                                                                                                                       | 45 | Mississippi Medical Ctr, Jackson, MS; Gerardo Heiss, Univ of North Carolina at Chapel Hill, Chapel Hill, NC                                                                                                                                                                                  |
| 9:45                                                                                                                                                                                              | <b>A Randomized Trial of Moderate and Intensive Exercise on Fatty Liver and Cardiometabolic Risk Factors in Obese Adults</b><br><b>Huijie Zhang</b> , Xuejun Li, The First Hosp of Xiamen, Xiamen Univ, Xiamen, China; ZhiMin Ma, the Second Affiliated Hosp of Soochow Univ, Suzhou, China; LingLing Pan, Shanghai Inst of Endocrinology and Metabolism, Shanghai, China; Zheng Chen, Zhufeng Huang, ChengKun Han, Shi Chen, XiongJie Zhuang, Mingzhu Lin, ZhiBin Li, The First Hosp of Xiamen, Xiamen Univ, Xiamen, China; Jiang He, Tulane Univ Sch of Public Health and Tropical Med, New Orleans, LA; ShuYu Yang, The First Hosp of Xiamen, Xiamen Univ, Xiamen, China; Xiaoying Li, Shanghai Inst of Endocrinology and Metabolism, Shanghai, China            | 46 | <b>Long-Term Patterns in the Development of Multiple Cardiovascular Diseases: The Framingham Heart Study</b><br><b>Norrina B. Allen</b> , Hongyan Ning, John Wilkins, Northwestern Univ, Chicago, IL; Daniel Levy, NHLBI, Framingham, MA; Donald Lloyd-Jones, Northwestern Univ, Chicago, IL |
| 10:00                                                                                                                                                                                             | <b>Refreshment Break and Connection Corner</b><br><i>Grand Ballroom Foyer</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                              |
| <b>Session 10</b><br><b>Aging</b><br><b>10:30 AM–NOON</b><br><i>Grand Ballroom Salons V–VI</i><br><b>Moderators:</b><br>James B. Meigs, MD, MPH, FAHA, Massachusetts General Hospital, Boston, MA |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                                                                                                                                                                                                                                                                                              |
| 10:30                                                                                                                                                                                             | <b>Subclinical Atherosclerosis and 20-Year Cognitive Decline: The Atherosclerosis Risk in Communities (ARIC) Neurocognitive Study</b><br><b>Shelly-Ann M. Love</b> , Priya Palta, Corey A. Kalbaugh, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; A. Richey Sharrett, Johns Hopkins Univ, Baltimore, MD; Alden L. Gross, Johns Hopkins University, Baltimore, MD; Alvaro Alonso, Univ of Minnesota, Minneapolis, MN; Lisa M. Wruck, Michelle L. Snyder, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Thomas H. Mosley, Univ of                                                                                                                                                                                                                | 47 |                                                                                                                                                                                                                                                                                              |
| 11:00                                                                                                                                                                                             | <b>Changes in Circulating Natriuretic Peptide and Adiponectin Levels and All-cause Mortality in Older People: The Cardiovascular Health Study</b><br><b>Jorge R. Kizer</b> , Albert Einstein Coll of Med, Bronx, NY; Petra Buzkova, Alice M. Arnold, Univ of Washington, Seattle, WA; Christopher deFilippi, Univ of Maryland Sch of Med, Baltimore, MD; Elsa S. Strotmeyer, Univ of Pittsburgh, Pittsburgh, PA; Jason L. Sanders, Massachusetts General Hosp, Boston, MA; Robert C. Kaplan, Albert Einstein Coll of Med, Bronx, NY; Mary Cushman, Univ of Vermont, Colchester, VT; Stephen B. Kritchevsky, Wake Forest Sch of Med, Winston-Salem, NC; Calvin H. Hirsch, UC Davis Health System, Sacramento, CA; Anne B. Newman, Univ of Pittsburgh, Pittsburgh, PA | 49 |                                                                                                                                                                                                                                                                                              |
| 11:15                                                                                                                                                                                             | <b>Hypertension, Antihypertensive Treatment, Sodium Intake and Cognitive Decline</b><br><b>Bernhard Haring</b> , Univ of Wuerzburg, Wuerzburg, Germany; Chunyuan Wu, Fred Hutchinson Cancer Res Ctr, Seattle, WA; Laura H. Coker, Wake Forest Sch of Med, Winston-Salem, NC; Arjun Seth, Albert Einstein Coll of Med, Bronx, NY; Linda Snetselaar, Univ of Iowa Coll of Public Health, Iowa, IA; JoAnn E. Manson, Harvard Univ, Boston, MA; Jacques Rossouw, Natl Heart, Lung, and Blood Inst, Bethesda, MD; Sylvia Wassertheil-Smoller, Albert Einstein Coll of Med, Bronx, NY                                                                                                                                                                                     | 50 |                                                                                                                                                                                                                                                                                              |
| 11:30                                                                                                                                                                                             | <b>Heart Rate Variability and its Association with Cognitive Decline Over 20 Years: The Atherosclerosis Risk in Communities – Neurocognitive Study</b><br><b>Faye L. Lopez</b> , Lin Y. Chen, Univ of Minnesota, Minneapolis, MN; Elsayed Z. Soliman, Wake Forest Univ Sch of Med, Winston-Salem, NC; Jennifer A. Deal, Rebecca F. Gottesman, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Gerardo Heiss, Univ of North Carolina, Chapel Hill, NC; Thomas H. Mosley, Univ of Mississippi, Jackson, MS; Alvaro Alonso, Univ of Minnesota, Minneapolis, MN                                                                                                                                                                                            | 51 |                                                                                                                                                                                                                                                                                              |

# Program (continued)

11:45 **Purpose in Life and its Relationship to All-Cause Mortality and Cardiovascular Events: A Meta-Analysis**  
**Randy Cohen**, Chirag Bavishi, Alan Rozanski, Mt. Sinai St. Luke's-Roosevelt, New York, NY

## Professional Development Roundtable Luncheons

**NOON–1:30 PM**

*Grand Ballroom Salons VII–X*

**Attendance first come, first served.**

*For a full listing of tables, please see the registration desk.*

## Session 11

### Genetics/Metabolomics

**1:30–3:00 pm**

*Grand Ballroom Salons V–VI*

#### Moderators:

Nisa Maruthur, MD, MHS, Johns Hopkins University School of Medicine, Baltimore, MD  
 TBD

1:30 **Keynote: Lipid Genetics for Epidemiologists**  
 Danish Saleheen, MBBS, PhD, Perelman School of Medicine at the University of Pennsylvania

2:00 **Transcriptomics and Methyloomics of Atherosclerosis in Circulating Monocytes – The Multi-Ethnic Study of Atherosclerosis**  
**Yongmei Liu**, Jingzhong Ding, Lindsay M. Reynolds, Jackson R. Taylor, Kurt Lohman, Wake Forest Univ Sch of Med, Winston-Salem, NC; David Siscovick, New York Acad of Med, New York, NY; Stephen S. Rich, Univ of Virginia, Charlottesville, VA; Bruce M. Psaty, Joel D. Kaufman, Univ of Washington, Seattle, WA; Gregory Burke, Wake Forest Univ Sch of Med, Winston-Salem, NC; Steven Shea, Columbia Univ, New York, NY; David R. Jacobs Jr., Univ of Minnesota, Minneapolis, MN; James H. Stein, Univ of Wisconsin, Madison, WI; Ina Hoeschele, Virginia Tech, Blacksburg, VA; Russell P. Tracy, Univ of Vermont, Colchester, VT; Wendy Post, Johns Hopkins Univ, Baltimore, MD; David M. Herrington, Wake Forest Univ Sch of Med, Winston-Salem, NC

2:15 **Genome-Wide Association Analysis of Gene-Sodium Interactions on Blood Pressure Phenotypes: The GenSalt Study**  
**Changwei Li**, Tulane Univ Sch of Public Health and Tropical Med, New Orleans, LA; Jiang He, Dept of Epidemiology, Tulane Univ Sch of Public Health and Tropical Med; Dept of Med, Tulane Univ Sch of Med,

52

New Orleans, LA; James Hixson, Dept of Epidemiology, Human Genetics and Environmental Sciences, Univ of Texas Sch of Public Health, Houston, TX; Dongfeng Gu, State Key Lab of Cardiovascular Disease, Fuwai Hosp, Natl Ctr of Cardiovascular Diseases, Chinese Acad of Medical Sciences and Peking Union Medical Coll, Beijing, China; Dabeeru Rao, Div of Biostatistics, Washington Univ Sch of Med, St. Louis, MO; Lawrence Shimmin, Dept of Epidemiology, Human Genetics and Environmental Sciences, Univ of Texas Sch of Public Health, Houston, TX; Jianfeng Huang, State Key Lab of Cardiovascular Disease, Fuwai Hosp, Natl Ctr of Cardiovascular Diseases, Chinese Acad of Medical Sciences and Peking Union Medical Coll, Beijing, China; Charles Gu, Div of Biostatistics, Washington Univ Sch of Med, St. Louis, MO; Jichun Chen, Jianxin Li, State Key Lab of Cardiovascular Disease, Fuwai Hosp, Natl Ctr of Cardiovascular Diseases, Chinese Acad of Medical Sciences and Peking Union Medical Coll, Beijing, China; Cashell Jaquish, NIH, Bethesda, MD; Tanika N. Kelly, Dept of Epidemiology, Tulane Univ Sch of Public Health, New Orleans, LA

2:30 **Novel Genetic Risk Variants for Kidney Function: A Large-Scale Exome Array Analysis of 111,666 European Ancestry Individuals**

**Man Li**, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD; the CKDGen Consortium

2:45 **Fine-Mapping of MetaboChip Lipid Regions in Global Populations Identifies Signals Unique to Hispanic Descent Populations and Refines Previously Identified Lipid Loci**

**Niha Zubair**, Fred Hutchinson Cancer Res Ctr, Seattle, WA; Mariaelisa Graff, Danyu Lin, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Ani Manichaikul, Univ of Virginia, Charlottesville, VA; Ida Chen, Harbor-UCLA Medical Ctr, Torrance, CA; Eli Stahl, Kevin Lu, Icahn Sch of Med at Mount Sinai, New York, NY; Iona Cheng, Cancer Prevention Inst of California, Fremont, CA; Christopher Haiman, Keck Sch of Med of USC, Los Angeles, CA; Dana Crawford, Case Western Reserve Univ, Cleveland, OH; Logan Dumitrescu, Vanderbilt Medical Ctr, Nashville, TN; Petra Buzkova, Univ of Washington, Seattle, WA; Steven Buyske, Rutgers Univ, Piscataway, NJ; Myriam Fornage, The Univ of Texas Health Science Ctr

54

FRIDAY



## Program (continued)

at Houston, Houston, TX; Kari North, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Charles Kooperberg, Fred Hutchinson Cancer Res Ctr, Seattle, WA; Cara Carty, Ctr for Translational Science, Children's Natl Medical Ctr/George Washington Univ, Washington DC

3:00 **Refreshment Break and Connection Corner**  
*Grand Ballroom Foyer*

### Session 12

#### APSC Annual Debate

3:30–4:30 PM

*Grand Ballroom Salons V–VI*

#### Moderators:

Laurence Sperling, MD, FACC, FACP, FAHA, Emory University School of Medicine, Atlanta, GA  
Stephen Kopecky, MD, FACC College of Medicine Mayo Clinic, Rochester, MN

3:30 **ASPC Annual Debate: New Blood Pressure Guidelines (JNC8): Right or Wrong?**

Suzanne Oparil, MD, FACC, FAHA, FASH, University of Alabama at Birmingham  
Jackson T. Wright, Jr., MD, PhD, FACP, University Hospital, Cleveland

### Poster Session 4

4:30–6:30 PM

*Harbor Ballroom*

### Poster Sessions

(P282–P395)

*See page 32 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.)*

- Biomarkers
- Nutrition 2
- Diabetes 2
- Ethnic Health Disparities
- Genetics
- Global Health
- Health Services/Outcomes
- Heart Failure
- Metabolism/Metabolomics
- Pharmacoeconomics/Pharmacogenetics

### Moderated Poster Sessions

(MP073–MP096)

*See page 32 for a full listing of the moderated poster presentations*

Moderated portion of this session takes place from 5:00–6:00 PM.

- Physical Activity 2
- Psychosocial Factors
- Stroke
- Adipose Tissue Distribution and Health Risk



FRIDAY



# Poster Presentations

## Moderated Poster Sessions

All moderated poster sessions will take place in the Poster Hall in the **Harbor Ballroom**. 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 4

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

MP01 Physical Activity and Outcomes  
MP02 Surveillance and eEpidemiology  
MP03 Nutrition  
MP04 Lifecourse

### Wednesday, March 4

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

MP05 Childhood Obesity  
MP06 NHLBI  
MP07 Global Health  
MP08 Biomarkers and Subclinical Disease

### Thursday, March 5

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

MP09 EARLY Trials of Weight Loss in Young Adults  
MP10 Heart Failure  
MP11 Community Health  
MP12 Sleep

### Friday, March 6

Moderated portion takes places from 5:00–6:00 PM

MP13 Physical Activity 2  
MP14 Psychosocial Factors  
MP15 Stroke  
MP16 Adipose Tissue Distribution and Health Risk

## Poster Session Schedule

All poster sessions take place in the **Harbor Ballroom**.

*(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 3, 5:00–7:00 PM**

**P001–P096**

**MP01–MP24** 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 4, 5:00–7:00 PM**

**P097–P193**

**MP025–MP048** 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 5, 5:00–7:00 PM**

**P194–P291**

**MP049–MP072** These posters will be available for viewing throughout the entire session. The moderated portion takes place from 5:30–6:30 PM.

### Poster Session 4

**Friday, March 6, 4:30–6:30 PM**

**P292–P395**

**MP073–MP096** These posters will be available for viewing throughout the entire session. The moderated portion takes place from 5:00–6:00 PM.

# Poster Presentations (continued)

## Moderated Poster Sessions

### MP01 Physical Activity and Outcomes

#### Moderator:

Julie Bower, PhD, MPH, The Ohio State University, College of Public Health, Division of Epidemiology, Columbus, OH

#### MP01 Physical Activity and Incident Cardiovascular Disease in Women: Is the Relation Influenced by Level of Global Cardiovascular Risk?

**Andrea K. Chomistek**, Indiana Univ-Bloomington, Bloomington, IN; Nancy R. Cook, Brigham and Women's Hosp, Boston, MA; Eric B. Rimm, Harvard Sch of Public Health, Boston, MA; Paul M. Ridker, Julie E. Buring, I-Min Lee, Brigham and Women's Hosp, Boston, MA

#### MP02 Dose Response Relationship Between Physical Activity and Risk of Heart Failure: A Meta-Analysis

**Ambarish Pandey**, Univ of Texas Southwestern Medical Ctr, Dallas, TX; Sushil Garg, Univ of Minnesota Sch of Med, Minneapolis, TX; Monica Khunger, All India Inst of Medical Sciences, New Delhi, India; Colby Ayers, Dharam Kumbhani, Benjamin Levine, James Delemos, Jarett Berry, Univ of Texas Southwestern Medical Ctr, Dallas, TX

#### MP03 All-Cause Mortality and Cardiorespiratory Fitness Among Patients with a Family History of CHD – The FIT Project

**Jaideep Patel**, VCU Medical Ctr, Richmond, VA; Mahmoud Al Rifai, Johns Hopkins Ciccarone Ctr for the Prevention of Heart Disease, Baltimore, MD; Rupert K. Hung, Johns Hopkins Sch of Med, Baltimore, MD; Khurram Nasir, Ctr for Prevention and Wellness Res, Baptist Health Medical Group, Miami Beach, FL; Steve J. Keteyian, Clinton A. Brawner, Mouaz H. Al-Mallah, Div of Cardiovascular Med, Henry Ford Hosp, Detroit, MI; Michael J. Blaha, Johns Hopkins Ciccarone Ctr for the Prevention of Heart Disease, Baltimore, MD

#### MP04 25 year Physical Activity Trajectories and Development of Subclinical Coronary Artery Disease as Measured by Coronary Artery Calcium: the CARDIA Study

**Jamal S. Rana**, Kaiser Permanente Northern California, Oakland, CA; Rosenda Murillo, Northwestern Univ, Chicago, IL; Charles P. Quesenberry Jr, Michael E. Sorel, Barbara Sternfeld, Kaiser Permanente Northern California, Oakland, CA; Kelley P. Gabriel, Univ of Texas, Houston, TX; Mercedes R. Carnethon, Kiang Liu, Northwestern Univ, Chicago, IL; Jared P. Reis, Natl Heart, Lung and Blood Inst, Bethesda, MD; Norrina B. Allen, Donald Lloyd-Jones, Northwestern Univ, Chicago, IL; J. Jeffrey

Carr, Vanderbilt Univ, Nashville, TN; Stephen Sidney, Kaiser Permanente Northern California, Oakland, CA

#### MP05 Leisure-Time Running and Incident Type 2 Diabetes

**Duck-chul Lee**, Iowa State Univ, Ames, IA; Carl J. Lavie, John Ochsner Heart and Vascular Inst, New Orleans, LA; Timothy S. Church, Pennington Biomedical Res Ctr, Baton Rouge, LA; Xuemei Sui, Steven N. Blair, Univ of South Carolina, Columbia, SC

#### MP06 Sport Club Participation During Adolescence and Sports-Related Physical Activity During Adulthood in Relation to Mortality From Cardiovascular Disease: The JACC Study

**Krisztina Gero**, Hiroyasu Iso, Akihiko Kitamura, Osaka Univ Graduate Sch of Med, Osaka, Japan; Kazumasa Yamagishi, Univ of Tsukuba Faculty of Med, Ibaraki, Japan; Hiroshi Yatsuya, Fujita Health Univ Sch of Med, Aichi, Japan; Akiko Tamakoshi, Hokkaido Univ Graduate Sch of Med, Sapporo, Japan

### MP02 Surveillance and eEpidemiology

#### Moderator

Wayne D. Rosamond, PhD, MS, University of North Carolina School of Public Health, Chapel Hill, NC

#### MP07 Rising Incidence and Prevalence of Atrial Fibrillation from 2004 to 2013: A Community-Based Study Using Electronic Medical Records

**Brent Williams**, Peter Berger, Geisinger Health System, Danville, PA

#### MP08 Evaluating the Influence of Bloomberg Era Policy on New York City Cardiovascular Disease Mortality Rates

Paulina Ong, Gina Lovasi, **Ryan Demmer**, Columbia Univ, New York, NY

#### MP09 Using Online Surveillance Tools for Heart Disease and Stroke Prevention

**Linda Schieb**, Cathleen Gillespie, Sophia Greer, Michele Casper, Robert Merritt, CDC, Atlanta, GA

#### MP10 Text Messaging to Reduce Inactivity Using Real-Time Step Count Monitoring in Sedentary Overweight Females

**Pamela Ouyang**, Kerry J. Stewart, McKenzie E. Bedra, Sarah York, Johns Hopkins Univ, Baltimore, MD; Carolina Valdiviezo, Medstar Heart and Vascular Inst, Baltimore, MD; Joseph Finkelstein, Johns Hopkins Univ, Baltimore, MD

#### MP11 Fitbit: An Accurate and Reliable Device for Wireless Physical Activity Tracking

**Keith M. Diaz**, David J. Krupka, Melinda J. Chang, Yao Ma, Jeff Goldsmith, Joseph E. Schwartz, Karina W. Davidson, Columbia Univ Medical Ctr, New York, NY

# Poster Presentations (continued)

## MP12 Electronic Health Record-Based Assessment of Cardiovascular Health

**Randi E. Foraker**, Abigail B. Shoben, Albert M. Lai, Philip R. Payne, Marjorie Kelley, Marcelo A. Lopetegui, Michael Langan, The Ohio State Univ, Columbus, OH; Hilary A. Tindle, Vanderbilt Univ Sch of Med, Nashville, TN; Rebecca D. Jackson, The Ohio State Univ, Columbus, OH

### MP03 Nutrition

#### Moderator:

Casey M. Rebholz, PhD, MS, MPH,  
Johns Hopkins Bloomberg School of  
Public Health, Baltimore, MD

## MP13 Types and Sources of Dietary Fatty Acids and Markers of Diabetes Risk: The NEO Study

**Anne J. Wanders**, Marjan Alssema, Unilever R&D, Vlaardingen, Netherlands; Eelco J. de Koning, Saskia le Cessie, Leiden Univ Medical Ctr, Leiden, Netherlands; Peter L. Zock, Unilever R&D, Vlaardingen, Netherlands; Jeanne H. de Vries, Wageningen Univ, Wageningen, Netherlands; Frits R. Rosendaal, Martin den Heijer, Renée de Mutsert, Leiden Univ Medical Ctr, Leiden, Netherlands; for the NEO study group

## MP14 A Prospective Study of the Association Between Plant-Based Dietary Patterns and Incident Type 2 Diabetes in Women

**Ambika Satija**, Shilpa N. Bhupathiraju, Walter C. Willett, JoAnn E. Manson, Qi Sun, Frank B. Hu, Harvard Sch of Public Health, Boston, MA

## MP15 Innovative Self-Regulation Strategies Reduce Weight Gain in Young Adults

**Rena R. Wing**, Alpert Medical Sch of Brown Univ, Providence, RI; Deborah Tate, Univ of North Carolina - Chapel Hill, Chapel Hill, NC; Mark Espeland, Wake Forest Sch of Med, Winston-Salem, NC; Cora E. Lewis, Univ of Alabama at Birmingham, Birmingham, AL; Amy Gorin, Univ of Connecticut, Storrs, CT; Jessica LaRose, Virginia Commonwealth Univ, Richmond, VA; Judy Bahnson, Letitia Perdue, Wake Forest Sch of Med, Winston-Salem, NC; Karen Erickson, Univ of North Carolina - Chapel Hill, Chapel Hill, NC; Erica Ferguson, Alpert Medical Sch of Brown Univ, Providence, RI; Wei Lang, Wake Forest Sch of Med, Winston-Salem, NC

## MP16 Adherence to Healthy Lifestyle Factors is Associated With a Lower Risk of Death Among US Male Physicians With Type 2 Diabetes

**Andrew B. Petrone**, J. Michael Gaziano, Luc Djousse, Brigham and Women's Hosp, Boston, MA

## MP17 Fruits and Vegetables Consumption and the Incidence of Hypertension in Three Prospective Cohort Studies

**Lea Borgi**, John Forman, Brigham and Women's Hosp, Boston, MA

## MP18 DNA Methylation Variants, B Vitamins Intake, and Long-Term Weight Change: Gene-Diet Interactions in Two Us Cohorts

**Tao Huang**, Yan Zheng, Harvard Sch of Public Health, Boston, MA; Qi Qibin, Albert Einstein Coll of Med, Bronx, NY; Min Xu, Shanghai Jiao Tong Univ Sch of Med, Shanghai, China; Sylvia H. Ley, Yanping Li, Harvard Sch of Public Health, Boston, MA; Jae H. Kang, Channing Div of Network Med, Dept of Med, Brigham and Women's Hosp and Harvard Medical Sch, Boston, MA; Janey Wiggs, Dept of Ophthalmology, Harvard Medical Sch, Massachusetts Eye and Ear Infirmary, Boston, MA; Louis R. Pasquale, Channing Div of Network Med, Dept of Med, Brigham and Women's Hosp and Harvard Medical Sch, Boston, MA; Andrew T. Chan, Div of Gastroenterology, Massachusetts General Hosp, Boston, MA; Eric B. Rimm, David J. Hunter, Harvard Sch of Public Health, Boston, MA; JoAnn E. Manson, Channing Div of Network Med, Dept of Med, Brigham and Women's Hosp and Harvard Medical Sch, Boston, MA; Walter C. Willett, Frank B. Hu, Lu Qi, Harvard Sch of Public Health, Boston, MA

### MP04 Lifecourse

#### Moderator:

Christina M. Shay, PhD, MA, University of North Carolina at Chapel Hill, Chapel Hill, NC

## MP19 Higher Parity is Associated With Components of the Metabolic Syndrome Among U.S. Hispanic/Latina Women: Results From the HCHS/SOL Study

**Catherine J. Vladutiu**, Anna Maria Siega-Riz, Alison M. Stuebe, Daniela Sotres-Alvarez, Andy Ni, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; JoNell E. Potter, Univ of Miami Miller Sch of Med, Miami, FL; Karen M. Tabb, Univ of Illinois Urbana-Champaign, Urbana, IL; Linda C. Gallo, San Diego State Univ, San Diego, CA; Martha Daviglus, Univ of Illinois Coll of Med, Chicago, IL; Mercedes Carnethon, Northwestern Univ, Chicago, IL; Sylvia Smoller, Albert Einstein Coll of Med, New York, NY; Gerardo Heiss, Univ of North Carolina at Chapel Hill, Chapel Hill, NC

# Poster Presentations (continued)

## MP20 Hypertensive Disorders In Pregnancy and the Risk of Incident Cardiovascular Disease

**Sonia M. Grandi**, Karine Vallée-Pouliot, McGill Univ, Montreal, QC, Canada; Maria Eberg, Lady Davis Inst for Medical Res of the Jewish General Hosp, Montreal, QC, Canada; Robert W. Platt, McGill Univ, Montreal, QC, Canada; Roxane Arel, St. Mary's Hosp Ctr, Montreal, QC, Canada; Kristian B. Filion, Lady Davis Inst for Medical Res of the Jewish General Hosp, Montreal, QC, Canada

## MP21 Achieving Cardiovascular Health in Young Adulthood – Do Adolescent Factors Matter?

**Holly C. Gooding**, Carly Milliren, Harvard Medical Sch, Boston, MA; Christina M. Shay, Univ of North Carolina, Chapel Hill, NC; Tracy K. Richmond, Alison E. Field, Matthew W Gillman, Harvard Medical Sch, Boston, MA

## MP22 Cardiovascular Health in Young Adulthood and Middle Age is Associated with Cumulative Burden of Morbidity in Older Age

**Norrina B. Allen**, Lihui Zhao, Lei Liu, Kiang Liu, Northwestern Univ, Chicago, IL; Tina Shih, Univ of Chicago, Chicago, IL; Thanh Huyen Vu, Northwestern Univ, Chicago, IL; Jim Fries, Stanford Univ, Palo Alto, CA; Martha Daviglus, Univ of Illinois at Chicago, Chicago, IL; Daniel Garside, Donald Lloyd-Jones, Northwestern Univ, Chicago, IL

## MP23 Association of Trajectories of Adulthood Weight Gain with Cardiovascular Disease Risk Factors in Participants 50-74 Years in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL)

**Lindsay Fernández-Rhodes**, Anne Justice, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Sheila F Castañeda, Christina Buelna, San Diego State Univ, San Diego, CA; Carmen R Isasi, Qibin Qi, Anita Agarwal, Albert Einstein Coll of Med, Bronx, NY; Maria Llabre, Ashley Moncrieft, Univ of Miami, Miami, FL; Martha L. Daviglus, Univ of Illinois at Chicago, Chicago, IL; Penny Gordon-Larsen, Daniela Sotres-Alvarez, Kari E. North, Univ of North Carolina at Chapel Hill, Chapel Hill, NC

## MP24 Comparison of Predictive Ability of Dietary and Lifestyle Scores For 10-Year Risk of Cardiovascular Mortality in a Pan-European Cohort Study

**Camille Lassale**, Imperial Coll London, London, United Kingdom; Yvonne Van der Schouw, Joline Beulens, Univ Medical Ctr Utrecht, Utrecht, Netherlands; Guy Fagherazzi, Inst Gustave Roussy, Villejuif, France; Nina Roswall, Inst of Cancer Epidemiology, Copenhagen, Denmark; Brian Buijsse, German Inst of Human Nutrition, Potsdam-Rehbrücke, Germany; Antonia Trichopoulou, Univ of Athens Medical Sch,

Athens, Greece; Elizabete Weiderpass, Univ of Tromsø, Breivika, Norway; Heinz Freisling, Intl Agency for Res on Cancer, Lyon, France; Dora Romaguera, Petra Wark, Elio Riboli, Ioanna Tzoulaki, Imperial Coll London, London, United Kingdom

## MP05 Childhood Obesity

### Moderator:

Noel T. Mueller, PhD, Mailman School of Public Health, Columbia University Department of Epidemiology, New York, NY

## MP25 Dietary Fat Intake, Mc4r Genotype and 2-Year Changes in Body Composition: The Pounds Lost Trial

**Tao Huang**, Harvard Sch of Public Health, Boston, MA; Yiru Shen, Tufts, Boston, MA; Yan Zheng, Harvard Sch of Public Health, Boston, MA; Steven Smith, George Bray, Pennington Biomedical Res Ctr of the Louisiana State Univ System, Baton Rouge, LA; Frank Sacks, Lu Qi, Harvard Sch of Public Health, Boston, MA

## MP26 Adherence to Low Carbohydrate and Low Fat Diets in Relation to Weight Loss and Cardiovascular Risk Factor Reduction

**Tian Hu**, Patrick Stuchlik, Tulane Univ, New Orleans, LA; Lu Yao, Univ of Minnesota, Minneapolis, MN; Kristi Reynolds, Kaiser Permanente Southern California, Pasadena, CA; Paul Whelton, Jiang He, Lydia Bazzano, Tulane Univ, New Orleans, LA

## MP27 Cellphone Intervention for You (CITY): A Randomized, Controlled Trial of Behavioral Weight Loss Intervention by Cellphone or Personal Coaching for Young Adults

**Laura P. Svetkey**, Duke Univ Medical Ctr, Durham, NC; Stephen S. Intille, Northeastern Univ, Boston, MA; Bryan C. Batch, Leonor Corsino, Crystal C. Tyson, Gary G. Bennett, Hayden B. Bosworth, Corrine Voils, Steven Grambow, Duke Univ Medical Ctr, Durham, NC; Catherine Loria, Sonia Arteaga, Natl Heart Lung and Blood Inst, Bethesda, MD; Pao-Hwa Lin, Duke Univ Medical Ctr, Durham, NC

## MP28 The Longitudinal Effects of Parenting Style on Childhood Obesity Risk: Evidence from a Representative Birth Cohort in Quebec

**Lisa Kakinami**, Tracie A. Barnett, Concordia Univ, Montreal, QC, Canada; Lise Gauvin, Louise Séguin, Univ of Montreal, Montreal, QC, Canada; Gilles Paradis, McGill Univ, Montreal, QC, Canada



# Poster Presentations (continued)

## MP29 Identifying Risk Profiles for Childhood Obesity Using Recursive Partitioning: Complex Associations with Individual, Familial, and Neighborhood Environment Factors

**Tracie A. Barnett**, Andraea Van Hulst, Sainte-Justine Hosp Res Ctr, Montreal, QC, Canada; Marie-Hélène Roy-Gagnon, Univ of Ottawa, Ottawa, ON, Canada; Lise Gauvin, Ctr de recherche du CHUM, Montreal, QC, Canada; Melanie Henderson, Sainte-Justine Hosp Res Ctr, Montreal, QC, Canada; QUALITY investigators

## MP30 More Young Children in an Obesity Prevention Intervention in MS and LA Head Start Centers Improve/Maintain BMI Percentile and Waist Circumference Compared to Nonparticipants

**Danielle Hollar**, Healthy Networks Design and Res, Shepherdstown, WV; Caitlin Heitz, The OrganWise Guys, Inc., Duluth, GA; Weidan Zhou, Elite Res, LLC, Carrollton, TX

### MP06 NHLBI Moderated Posters

#### Moderator:

Jared Reis, PhD, FAHA, National Heart, Lung, and Blood Institute, Bethesda, MD

## MP31 Smoking Status and Smoking Intensity Enhance Discovery Based on Gene-Smoking Interactions in Blood Pressure

**Basson J**, Sung YJ, de las Fuentes L, Schwander K, Rao DC, Washington University, St. Louis, MO.

## MP32 “You Have a Right to Protect Your Health:” Perceptions of Second-Hand Smoke Risks by Cardiovascular Disease Patients

**Brown-Johnson CG**, Oppezzo M, Prochaska JJ, Stanford University, Stanford, CA.

## MP33 Quality of Total Heart Adipose Tissue May Contribute to the Presence and Extent of Coronary Artery Calcification in Women at Midlife: The Study of Women’s Health Across the Nation

**Hanley C**, Matthews K, Brooks MM; University of Pittsburgh, Pittsburgh, PA; Janssen I; Rush University, Chicago, IL; Budoff MJ; Los Angeles Biomedical Research Institute, Torrance, CA; Sekikawa A, Mulukutla S, El Khoudary SR; University of Pittsburgh, Pittsburgh, PA.

## MP34 Neighborhood Socioeconomic Status and Physical Function in Late Life: The Atherosclerosis Risk in Communities (ARIC) Study

**Palta P**, Patel MD, University of North Carolina at Chapel Hill, Chapel Hill, NC; Griswold M, University of Mississippi, Jackson, MS; Kucharska-Newton A, University of North Carolina at Chapel Hill, Chapel Hill, NC; Windham BG, University of Mississippi, Jackson, MS; Snyder ML, University of North

Carolina at Chapel Hill, Chapel Hill, NC; Capistrant B, University of Minnesota, Minneapolis, MN; Heiss, G, University of North Carolina at Chapel Hill, Chapel Hill, NC.

## MP35 Walking May Be a Viable Alternative to Recreational Physical Activity for Promoting Physical and Mental Wellbeing Among the Elderly

**Remigio-Baker RA**, LaCroix A, Carlson J, Kerr J, Allison MA, University of California, La Jolla, CA.

## MP36 Genome-Wide Association Study of the PR Interval in Hispanic Populations

**Seyerle AA**, University of North Carolina at Chapel Hill, Chapel Hill, NC; Lin HJ, University of California, Torrance, CA; Gogarten SM, University of Washington, Seattle, WA; Soliman EZ, Wake Forest University, Winston-Salem, NC; Heckbert SR, Kerr KF, University of Washington, Seattle, WA; Kooperberg C, Fred Hutchinson Cancer Research Center, Seattle, WA; Rodriguez CJ, Wake Forest University, Winston-Salem, NC; Guo X, University of California, Torrance, CA; Ryckman KK, University of Iowa, Iowa City, IA; Yao J, University of California, Torrance, CA; Sotoodehnia N, University of Washington, Seattle, WA; Taylor KD, University of California, Torrance, CA; Whitsel E, University of North Carolina at Chapel Hill, Chapel Hill, NC; Rotter JL, University of California, Torrance, CA; Laurie C, University of Washington, Seattle, WA; Avery CL, University of North Carolina at Chapel Hill, Chapel Hill, NC

### MP07 Global Health

#### Moderator:

Chris Longenecker, MD, Case Western Reserve University, Cleveland, OH

## MP37 Macroeconomic Growth is Associated with Increases in Cardiovascular Mortality in Countries with Lower Social Protection Spending

**Usama Bilal**, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Manuel Franco, Univ of Alcalá, Alcalá de Henares, Spain; Thomas A. Glass, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD

## MP38 Local Population Income, Geographic Space and Interactions Predict Increased Presence of Physical Activity Facilities in New York City Metropolitan Area Census Tracts, 1990-2010

**David M. Wutchiett**, Columbia Univ, New York, NY; Tanya K. Kaufman, MDRC, New York, NY; Daniel M Sheehan, Kathryn M. Neckerman, Andrew G. Rundle, Stephen J. Mooney, Jeff Goldsmith, Gina S. Lovasi, Columbia Univ, New York, NY



# Poster Presentations (continued)

## MP39 Metabolically Healthy Obesity and the Risk of Incident Ischemic Heart Disease and Stroke – The Kangbuk Samsung Health Study

**Seungho Ryu**, Yoosoo Chang, Kangbuk Samsung Hosp, Seoul, Korea, Republic of; Juhee Cho, Sungkyunkwan Univ, Seoul, Korea, Republic of; Yiyi Zhang, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD; Sanjay Rampal, Univ of Malaya, Kuala Lumpur, Malaysia; Di Zhao, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD; Yuni Choi, Jiin Ahn, Kangbuk Samsung Hosp, Seoul, Korea, Republic of; Miguel Cainzos-Achirica, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD; Roberto Pastor-Barriuso, Insto de Salud Carlos III, Madrid, Spain; Joao A. Lima, Johns Hopkins Univ Sch of Med, Baltimore, MD; Hocheol Shin, Kangbuk Samsung Hosp, Seoul, Korea, Republic of; Eliseo Guallar, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD

## MP40 Global Burden of Chronic Kidney Disease in 2010: A Pooling Analysis of Population-Based Data Worldwide

**Katherine T. Mills**, Tulane Univ, New Orleans, LA; Yu Xu, Rui-Jin Hosp, Shanghai Jiao-Tong Univ, Shanghai, China; Weidong Zhang, Zhengzhou Univ, Zhengzhou, China; Joshua D. Bundy, Chung-Shiuan Chen, Tanika N. Kelly, Jing Chen, Jiang He, Tulane Univ, New Orleans, LA

## MP41 Implications of the Use of the New ACC/AHA Guidelines for Cardiovascular Disease Prevention in a Brazilian Cohort – The Elsa Brasil Study

**Marcio S. Bittencourt**, Isabela Bensenor, Univ Hosp - Univ of Sao Paulo, São Paulo, Brazil; Dora Chor, Paulo Vasconcelos, Oswaldo Cruz Fndn, Rio de Janeiro, Brazil; Paulo Lotufo, Univ Hosp - Univ of Sao Paulo, São Paulo, Brazil

## MP42 The Potential Impact of Food Taxation and Subsidies on Cardiometabolic Mortality in the US

**Jose L. Penalvo**, Ashkan Ashkin, Frederik Cudhea, Colin D. Rehm, Gitanjali Maya Singh, Dariush Mozaffarian, Friedman Sch of Nutrition Science and Policy, Boston, MA

### MP08 Biomarkers and Subclinical Disease

**Moderator:**  
TBD

## MP43 Baseline High-Sensitivity Cardiac Troponin-T is Independently Associated With Incident Hypertension

**Bill McEvoy**, Yuan Chen, Johns Hopkins Hosp, Baltimore, MD; Vijay Nambi, Michael E. DeBaakey Veterans Affairs Hosp, Houston, TX; Christie Ballantyne, Baylor Coll of Med and Houston Methodist DeBaakey Heart and Vascular

Ctr, Houston, TX; Richey Sharrett, Lawrence Appel, Johns Hopkins Sch of Public Health, Baltimore, MD; Wendy Post, Roger Blumenthal, Johns Hopkins Hosp, Baltimore, MD; Kunihiro Matsushita, Elizabeth Selvin, Johns Hopkins Sch of Public Health, Baltimore, MD

## MP44 Leukocyte Telomere Length and Risks of Incident Coronary Heart Disease and Mortality in a Racially Diverse Population

**Cara L. Carty**, Children's Natl Medical Ctr/George Washington Univ, Washington, DC; Jingmin Liu, Charles Kooperberg, Megan Skinner Herndon, Fred Hutchinson Cancer Res Ctr, Seattle, WA; Andrea LaCroix, Univ of California, San Diego, CA; Abraham Aviv, Rutgers Univ, Newark, NJ; Alexander P. Reiner, Univ of Washington, Seattle, WA

## MP45 Liver Fat Content Does Not Account for the Strong Association of Fcgtuin-A with Diabetes Risk in Women: The Multi-Ethnic Study of Atherosclerosis

**Sarah A. Aroner**, Harvard Sch of Public Health, Boston, MA; Kenneth J. Mukamal, Harvard Sch of Public Health and Beth Israel Deaconess Medical Ctr, Boston, MA; David E. St-Jules, New York Univ, New York, NY; Matthew J. Budoff, Los Angeles Biomedical Res Inst at Harbor-UCLA Medical Ctr, Los Angeles, CA; Ronit Katz, Kidney Res Group, Univ of Washington, Seattle, WA; Michael H. Criqui, Matthew A. Allison, Univ of California, San Diego, CA; Ian H. de Boer, Univ of Washington, Seattle, WA; David S. Siscovick, The New York Acad of Med, New York, NY; Joachim H. Ix, Univ of California and Veterans Affairs San Diego Healthcare System, San Diego, CA; Majken K. Jensen, Harvard Sch of Public Health, Boston, MA

## MP46 Growth Factors Are Associated With Imaging Markers of Brain Aging in Young Adults

**Claudia L. Satizabal**, Alexa Beiser, Jayandra J. Himali, Rhoda Au, Philip A. Wolf, Boston Univ, Boston, MA; Charles DeCarli, Univ of California at Davis, Sacramento, CA; Ramachandran Vasan, Sudha Seshadri, Boston Univ, Boston, MA

## MP47 The Association of Socioeconomic Status with Subclinical Myocardial Damage

**Anna E. Fretz**, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Andrea L. Schneider, Johns Hopkins Univ Sch of Med, Baltimore, MD; John McEvoy, Johns Hopkins Ciccarone Ctr for the Prevention of Heart Disease, Baltimore, MD; Ron Hoogeveen, Christie M. Ballantyne, Baylor Coll of Med, Houston, TX; Joseph Coresh, Elizabeth Selvin, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD

# Poster Presentations (continued)

**MP48 Genetic Variation, Human Metabolome and Incident Heart Failure among African-Americans in the Atherosclerosis Risk in Communities (ARIC) Study**  
**Bing Yu**, Alanna C. Morrison, Univ of Texas Health Science Ctr at Houston, Houston, TX; Thomas H. Mosley, The Memory Impairment and Neurodegenerative Dementia Res Ctr, Univ of Mississippi, Jackson, MS; Amil M Shah, Scott D. Solomon, Dept of Cardiovascular Med, Brigham and Women's Hosp, Boston, MA; Calum Macrae, Dept of Cardiovascular Med, Brigham and Women's Hosp; Dept of Med, Harvard Medical Sch, Boston, MA; Patricia P. Chang, Dept of Med, Univ of North Carolina, Chapel Hill, NC; Richard A. Gibbs, Human Genome Sequencing Ctr, Baylor Coll of Med, Houston, TX; Eric Boerwinkle, Univ of Texas Health Science Ctr at Houston; Human Genome Sequencing Ctr, Baylor Coll of Med, Houston, TX

## MP09 EARLY Trials of Weight Loss in Young Adults

### Moderator:

April P. Carson, PhD, MSPH, University of Alabama at Birmingham, Birmingham, AL

**MP49 Three Months of Novel Triple Combination Pharmacotherapy Reduces Body Weight and Blood Pressure but Not Aortic Stiffness in Obese Adults: a Randomized, Placebo Controlled, Double Blind Clinical Trial**  
**Graziela Z. Kalil**, Univ of Iowa, Iowa City, IA; William G. Haynes, Novartis Inst for Biomedical Res, Inc, Cambridge, Massachusetts (current position) formerly faculty Univ of Iowa, at the time study was conducted, Iowa City, IA; M. Bridget Zimmerman, Gary L. Pierce, Univ of Iowa, Iowa City, IA

**MP50 Fat Distribution and Metabolic Health: Central and Lower Body Adipose Tissue Depots are Differentially Associated with Insulin Sensitivity in Parous and Nulliparous Caucasian and African American Women**  
**Katherine H. Ingram**, Kennesaw State Univ, Kennesaw, GA; Gary R. Hunter, Barbara A. Gower, Univ of Alabama at Birmingham, Birmingham, AL

**MP51 Evaluating the Effectiveness of a Web-Based Intervention to Prevent Unhealthy Weight Gain in College Students**  
**Leslie A. Lytle**, Univ of North Carolina, Chapel Hill, Chapel Hill, NC; Melissa Laska, Univ of Minnesota, Minneapolis, MN; Marilyn Nanney, Univ of Minnesota, Minneapolis, MN; Jennifer Linde, Univ of Minnesota, Minneapolis, MN; Stacey Moe, Univ of Minnesota, Minneapolis, MN

**MP52 Beyond Body Mass Index: A Population-Based Comparison Demonstrates Advantages of Abdominal Anthropometry for Identifying Cardiometabolic Dysfunctions**  
**Henry S. Kahn**, Kai McKeever Bullard, CDC, Atlanta, GA

**MP53 The Impact of the Obesity Epidemic on Atherosclerotic Cardiovascular Disease Risk Scores: The CARDIA Study**  
**Duke Appiah**, Pamela J. Schreiner, Univ of Minnesota, Minneapolis, MN; Raegan W. Durant, Univ of Alabama at Birmingham, Birmingham, AL; Sharina D. Person, Catarina I. Kiefe, Univ of Massachusetts, Worcester, MA; Cora E. Lewis, Univ of Alabama at Birmingham, Birmingham, AL; Catherine Loria, NIH/NHLBI, Bethesda, MD; Stephen Sidney, Kaiser Permanente Northern California, Oakland, CA; O. Dale Williams, Florida Intl Univ, Miami, FL

**MP54 Dietary Protein Lowers Obesity Risk in Middle-Aged Framingham Offspring Study Adults**  
**Justin Rene Buendia**, Syed Ridda Hasnain, M. Loring Bradlee, Martha R. Singer, Boston Univ Sch of Med, Boston, MA; Ralph B. D'Agostino, Boston Univ, Boston, MA; Lynn L. Moore, Boston Univ Sch of Med, Boston, MA

## MP10 Heart Failure

### Moderator:

Seth S. Martin, MD, Johns Hopkins University, Baltimore, MD

**MP55 Electrocardiographic versus Echocardiographic Left Ventricular Hypertrophy in Prediction of Congestive Heart Failure in the Elderly**  
**Mohamed Faher Almahmoud**, Elsayed Soliman, Waqas Qureshi, Wesley T. O'Neal, Wake Forest Univ, Winston-Salem, NC

**MP56 Misclassification of Incident Heart Failure Hospitalizations in Administrative Claims Data: The Atherosclerosis Risk in Communities (ARIC) Study**  
**Ricky Camplain**, Anna Kucharska-Newton, Lloyd E. Chambless, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Jacqueline D. Wright, Natl Heart Lung and Blood Inst, NIH, Bethesda, MD; Kenneth R. Butler, Univ of Mississippi Medical Ctr, Jackson, MS; Carmen Cuthbertson, Gerardo Heiss, Univ of North Carolina at Chapel Hill, Chapel Hill, NC

# Poster Presentations (continued)

- MP57 The Association Between Anthropometrics and Different Measures of Cardiac Structure and Function – The Echo-SOL Study**  
**Matthew A. Allison**, Univ of California San Diego, La Jolla, CA; Jianwen Cai, Univ of North Carolina, Chapel Hill, NC; Ankit Desai, Univ of Chicago, Chicago, IL; Barry Hurwitz, Univ of Miami, Miami, FL; Ai Ni, Univ of North Carolina, Chapel Hill, NC; Neil Schneiderman, Univ of Miami, Miami, FL; Sanjiv Shah, Univ of Chicago, Chicago, IL; Daniel Spevack, Einstein Coll of Med, Bronx, NY; Greg Talavera, San Diego State Univ, San Diego, CA; Carlos Rodriguez, Wake Forest Univ, Winston-Salem, NC
- MP58 Vitamin D Consumption is Not Associated with Incident Heart Failure: the Physicians' Health Study**  
**Jeremy Robbins**, Andrew Petrone, J. Michael Gaziano, Luc Djousse, Brigham and Women's Hosp, Boston, MA
- MP59 Mediating the Medical, Economic and Social Impact of HF: There is an APP for That Linda Houston-Feenstra**, Mercy Kagoda, Wayne Dysinger, Loma Linda Univ Medical Ctr, Loma Linda, CA; Samir Chatterjee, Nagla Alnosayan, Ala Alluhaidan, Claremont Colls, Claremont, CA; Sharon Fabbri, Denise Peterson, Loma Linda Univ Medical Ctr, Loma Linda, CA
- MP60 Associations of Socio-Economic and Access to Care Factors With Inpatient and Outpatient Heart Failure. The Aric Study**  
**Carmen Cuthbertson**, Anna Kucharska-Newton, Mehul Patel, Ricky Camplain, Univ of North Carolina, Chapel Hill, NC; Randi Foraker, Ohio State Univ, Columbus, OH; Lisa Wruck, Univ of North Carolina, Chapel Hill, NC; Aaron Folsom, Univ of Minnesota, Minneapolis, MN; Nicole Puccinelli-Ortega, Wake Forest Univ, Winston-Salem, NC; Kunihiro Matsushita, Johns Hopkins Univ, Baltimore, MD; Gerardo Heiss, Univ of North Carolina, Chapel Hill, NC

## MP11 Community Health

### Moderator:

Penny Gordon-Larsen, PhD, FAHA, University of North Carolina Chapel Hill, Chapel Hill, NC

- MP61 Comparing the Influence of Individual vs. Community Socioeconomic Factors on Cardiovascular Health**  
**Courtney Pilkerton**, Sarah Singh, WVU Sch of Public Health, Morgantown, WV; Adam Christian, WVU Sch of Med, Morgantown, WV; Thomas K. Bias, Stephanie J. Frisbee, WVU Sch of Public Health, Morgantown, WV

- MP62 Age and Gender Differences in Cardiovascular Health in a Rural Cohort of Children and Adults**  
**Stephanie J. Frisbee**, Sheldon Steiner, Courtney Pilkerton, Sarah Singh, WVU Sch of Public Health, Morgantown, WV; Adam Christian, WVU Sch of Med, Morgantown, WV; Thomas K. Bias, WVU Sch of Public Health, Morgantown, WV
- MP63 Cardiovascular Health and Cumulative Burden of Disease in a Rural Adult Population**  
**Stephanie J. Frisbee**, Sheldon Steiner, Courtney Pilkerton, Sarah Singh, WVU Sch of Public Health, Morgantown, WV; Adam Christian, WVU Sch of Med, Morgantown, WV; Thomas K. Bias, WVU Sch of Public Health, Morgantown, WV
- MP64 Heart to Heart Connections Benefit Behavior Change**  
**Jo-Ann Eastwood**, UCLA Sch of Nursing, Los Angeles, CA; Nabil Alshurafa, UCLA Computer Science, Los Angeles, CA; Joy Toyama, UCLA Sch of Nursing, Los Angeles, CA; Debra K Moser, Univ of Kentucky, Lexington, KY
- MP65 High Mobile Device Usage Associated With Sedentary Behaviors and Less Physical Activity in 6th Grade Students**  
**Lauren Gordon**, Rachel Sylvester, Robert Rogers, Wen-Ching Wei, Alexandra Pew, Qingmei Jiang, Eva Kline-Rogers, Caren Goldberg, Jean DuRussel-Weston, Kim A. Eagle, Elizabeth A. Jackson, Univ of Michigan, Ann Arbor, MI
- MP66 AREST Lifestyle: Adherence Effects of a Comprehensive Reminder System on Exercise Adherence in Post-Myocardial Infarction Patients**  
**Avinash Pandey**, Cambridge Cardiac Care Ctr and Ctr for Healthcare Delivery Sciences, Brigham and Women's Hosp, Harvard Medical Sch, Cambridge, ON, Canada; Niteesh K Choudhry, Ctr for Healthcare Delivery Sciences, Brigham and Women's Hosp, Harvard Medical Sch, Boston, MA

## MP12 Sleep

### Moderator:

TBD

- MP67 Objectively Measured Sleep Characteristics and Prevalence of Coronary Artery Calcification: The Multi-Ethnic Study of Atherosclerosis Sleep Study**  
**Pamela L. Lutsey**, Univ of Minnesota, Minneapolis, MN; Robyn L. McClelland, Univ of Washington, Seattle, WA; Daniel Duprez, Univ of Minnesota, Minneapolis, MN; Steven Shea, Columbia Univ, New York, NY; Eyal Shahar, Univ of Arizona, Tucson, AZ; Mako Nagayoshi, Nagasaki Univ, Nagasaki, Japan; Matthew Budoff, Univ of California – Los Angeles, Torrance, CA; Joel D. Kaufman, Univ of Washington, Seattle, WA; Susan Redline, Harvard Univ, Boston, MA

# Poster Presentations (continued)

- MP68 Risk of Sleep Apnea and Subclinical Cardiovascular Disease in Young-to-Middle Aged Adults: The Bogalusa Heart Study**  
**Tian Hu**, Tulane Univ, New Orleans, LA; Suzie Bertisch, Beth Israel Deaconess Medical Ctr, Boston, MA; Wei Chen, Emily Harville, Tulane Univ, New Orleans, LA; Susan Redline, Brigham and Women's Hosp, Boston, MA; Lydia Bazzano, Tulane Univ, New Orleans, LA
- MP69 Relationships Between Sleep Apnea, Cardiovascular Disease Risk Factors, and Aortic Pulse Wave Velocity over 9 Years: The Wisconsin Sleep Cohort**  
**Rebecca Stern**, Claudia E. Korcarz, Paul E. Peppard, Jodi H. Barnet, Erika W. Hagen, Terry Young, James H. Stein, Univ of Wisconsin Sch of Med and Public Health, Madison, WI
- MP70 Habitual Sleep Variability, Mediated by Energy Intake, is Associated with Abdominal Obesity in Adolescents**  
**Fan He**, Edward O. Bixler, Jiangang Liao, Arthur Berg, Yuka Imamura Kawasawa, Julio Fernandez-Mendoza, Alexandros N. Vgontzas, Duanping Liao, Penn State Univ Coll of Med, Hershey, PA
- MP71 Short Sleep Duration Modifies the Relationship Between Hypertension and All-Cause Mortality**  
**Julio Fernandez-Mendoza**, Fan He, Alexandros Vgontzas, Duanping Liao, Edward Bixler, Penn State Coll of Med, Hershey, PA
- MP72 Habitual Sleep Variability is Associated with Caloric and Food Intake**  
**Fan He**, Edward O. Bixler, Jiangang Liao, Arthur Berg, Yuka Imamura Kawasawa, Julio Fernandez-Mendoza, Alexandros N. Vgontzas, Duanping Liao, Penn State Coll of Med, Hershey, PA

## MP13 Physical Activity 2

### Moderator:

Kristi L. Storti, PhD, MPH, Indiana University of Pennsylvania, Indiana, PA

- MP73 Leisure Time Physical Activity and Cognitive Decline in the Northern Manhattan Study**  
**Joshua Z. Willey**, Columbia Univ, New York, NY; Hannah Gardener, Univ of Miami, Miami, FL; Sandino Cespedes, Columbia Univ, New York, NY; Charles DeCarli, Univ of California Davis, Davis, CA; Mitsuhiro Yoshita, Hokuriku Natl Hosp, Nanto, Japan; Yaakov Stern, Columbia Univ, New York, NY; Ralph L. Sacco, Univ of Miami, Miami, FL; Mitchell S. Elkind, Columbia Univ, New York, NY; Clinton B. Wright, Univ of Miami, Miami, FL

- MP74 Use of Cd34+ Cells as a Cellular Biomarker in Prediabetes Subjects, Post Aerobic Exercise**  
**Sabyasachi Sen**, George Washington Univ, Washington, DC; Ashequl Islam, Baystate Medical Ctr, Springfield, MA
- MP75 Characterization of Physical Activity Patterns From Mid-Life to Older Adulthood: The Atherosclerosis Risk in Communities (ARIC) Study**  
**Dmitry Kats**, Priya Palta, Dept of Epidemiology, Univ of North Carolina at Chapel Hill, Gillings Sch of Global Public Health, Chapel Hill, NC; Kelley P. Gabriel, Div of Epidemiology, Human Genetics, and Environmental Sciences, Univ of Texas Health Science Ctr at Houston, Sch of Public Health – Austin Regional Campus, Austin, TX; Ricky Camplain, Gerardo Heiss, Kelly Evenson, Dept of Epidemiology, Univ of North Carolina at Chapel Hill, Gillings Sch of Global Public Health, Chapel Hill, NC
- MP76 The Effect of Exercise Training Modality on 30-Year Cardiovascular Mortality Risk in Individuals with Type 2 Diabetes**  
**Damon Swift**, East Carolina Univ, Greenville, NC; Neil M Johannsen, Louisiana State Univ, Baton Rouge, LA; Carl J. Lavie, John Ochsner Heart and Vascular Inst, New Orleans, LA; Jarett D. Berry, Univ of Texas Southwestern Medical Ctr, Dallas, TX; Conrad P. Earnest, Univ of Texas A&M, College Station, TX; Logan B. Dunn, East Carolina Univ, Greenville, NC; Steven N. Blair, Univ of South Carolina, Columbia, SC; Timothy S. Church, Pennington Biomedical Res Ctr, Baton Rouge, LA
- MP77 Intramuscular Fat is Associated with Decreased Physical Performance**  
**Kate E. Therkelsen**, Alison Pedley, 1. Natl Heart, Lung, and Blood Inst's Framingham Heart Study, Framingham, MA; Udo Hoffman, 3. Dept of Med and Dept of Radiology, Massachusetts General Hosp and Harvard Medical Sch, Boston, MA; Caroline Fox, 4. NHLBI Div of Intra-mural research and the Ctr for Population Studies, Framingham, MA; Joanne Murabito, Natl Heart, Lung, and Blood Inst's Framingham Heart Study, Framingham, MA
- MP78 Effect of Beta-Blocker Therapy, Maximal Heart Rate and Exercise Capacity During Stress Testing on Long-Term Survival**  
**Rupert K. Hung**, Johns Hopkins Ciccarone Ctr for the Prevention of Heart Disease, Baltimore, MD; Mouaz Al-Mallah, King Abdul-Aziz Cardiac Ctr, Riyadh, Saudi Arabia; Seamus P. Whelton, Roger S. Blumenthal, Johns Hopkins Ciccarone Ctr for the Prevention of Heart Disease, Baltimore, MD; Clinton A Brawner, Steven J. Keteyian, Henry Ford Health System, Detroit, MI; Michael J. Blaha, Johns Hopkins Ciccarone Ctr for the Prevention of Heart Disease, Baltimore, MD



# Poster Presentations (continued)

## MP14 Psychosocial Factors

### Moderator:

Mahasin Mujahid, PhD, MS, UC Berkeley, School of Public Health  
Berkeley, CA

- MP79 Pre-Admission History of Depression and Mortality After Acute Myocardial Infarction**  
**Elena Salmoirago-Blotcher**, Brown Univ Sch of Med, Providence, RI; Darleen Lessard, Univ of Massachusetts Med. Sch, Worcester, MA; Joel Gore, Univ of Massachusetts Medical Sch, Worcester, MA; Robert Goldberg, Univ of Massachusetts Med. Sch, Worcester, MA
- MP80 Psychosocial Factors and Risk of Incident Heart Failure: The Multi-Ethnic Study of Atherosclerosis (MESA)**  
**Rachel P. Ogilvie**, Univ of Minnesota, Minneapolis, MN; Susan Everson-Rose, Univ of Minnesota Medical Sch, Minneapolis, MN; Carlos Rodriguez, Wake Forest Sch of Med, Winston-Salem, NC; W.T. Longstreth, Jr, Univ of Washington, Seattle, WA; Michelle Albert, Howard Univ Sch of Med, Washington, DC; Ana Diez-Roux, Drexel Univ Sch of Med, Philadelphia, PA; Pamela L. Lutsey, Univ of Minnesota, Minneapolis, MN
- MP81 Community Characteristics Are Associated With Blood Pressure Levels in a Racially Integrated Community**  
**Laura J. Samuel**, Roland J. Thorpe Jr, Thomas A. LaVeist, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD
- MP82 Associations of Positive Psychological Well-being on Changes in Allostatic Load: Multi-Ethnic Study of Atherosclerosis (MESA)**  
**Rosalba Hernandez**, Univ of Illinois at Urbana-Champaign, Urbana, IL; Kiarri Kershaw, Northwestern Univ, Chicago, IL; Teresa Seeman, Univ of California, Los Angeles, Los Angeles, CA; Julia Boehm, Chapman Univ, Orange, CA; Thanh-Huyen Vu, Hongyan Ning, Donald Lloyd-Jones, Northwestern Univ, Chicago, IL
- MP83 Post-traumatic Stress Disorder Symptoms and Increased Risk of Cardiovascular Disease: What Happens When Symptoms Remit?**  
**Paola Gilsanz**, Harvard Sch of Public Health, Boston, MA; Jennifer A. Sumner, Columbia Univ Mailman Sch of Public Health, New York, NY; Ashley Winning, Andrea L. Roberts, Harvard Sch of Public Health, Boston, MA; Jessica C. Agnew-Blais, Columbia Univ Mailman Sch of Public Health, New York, NY; Eric B Rimm, Harvard Sch of Public Health, Boston, MA; Karestan C. Koenen, Columbia Univ Mailman Sch of Public Health, New York, NY; Laura D. Kubzansky, Harvard Sch of Public Health, Boston, MA

## MP84 Associations Between Cardiovascular Health and Health-Related Quality of Life

**Erika Odom**, Jing Fang, Latetia Moore, Matthew Zack, Fleetwood Loustalot, Ctrs for Disease Control and Prevention, Atlanta, GA

## MP15 Stroke

### Moderator:

Joshua Willey MD, Columbia University, New York, NY

## MP85 Mediterranean Diet and Incidence of Stroke in the California Teachers Study

**Ayesha Z. Sherzai**, Columbia Univ Medical Ctr, New York, NY; Huiyan Ma, Population Sciences, City of Hope, Duarte, CA; Pamela Horn-Ross, Alison J. Canchola, Cancer Prevention Inst of California, Fremont, CA; Jenna Voutsinas, Population Sciences, City of Hope, Duarte, CA; Joshua Z. Willey, Columbia Univ Medical Ctr, New York, NY; Yian Gu, Columbia Univ, New York, NY; Nikolaos Scarmeas, Columbia Univ Medical Ctr, New York, NY; Dean Sherzai, Cedars Sinai Medical Ctr, Los Angeles, CA; Leslie Bernstein, Population Sciences, City of Hope, Duarte, CA; Mitchell S. Elkind, Columbia Univ Medical Ctr, New York, NY; Sophia S. Wang, Population Sciences, City of Hope, Duarte, CA

## MP86 Effects of Immediate Blood Pressure Reduction on Death and Major Disability in Acute Ischemic Stroke Patients by History of Hypertension and Use of Antihypertensive Medications

Tan Xu, Yonghong Zhang, Soochow Univ, Suzhou, China; Yingxian Sun, China Medical Univ, Liaoning, China; Chung-Shiuan Chen, Jing Chen, **Jiang He**, Tulane Univ, New Orleans, LA; for the CATIS investigators

## MP87 Association of Hemostasis Biomarkers with Intracerebral Hemorrhage: the REasons for Geographic and Racial Differences in Stroke Study (REGARDS)

**Neil Zakai**, Univ of Vermont, Burlington, VT; Suzanne Judd, Univ of Alabama at Birmingham, Birmingham, AL; Nels Olson, Univ of Vermont, Burlington, VT; Dawn Kleindorfer, Brett Kissela, Univ of Cincinnati, Cincinnati, OH; George Howard, Univ of Alabama at Birmingham, Birmingham, AL; Mary Cushman, Univ of Vermont, Burlington, VT



# Poster Presentations (continued)

- MP88 Dehydroepiandrosterone (DHEAS) and Risk of Stroke in Black and White Americans: The Reasons for Geographic and Racial Differences in Stroke Cohort (REGARDS)**  
**Markus Degirmenci**, Peter W. Callas, Univ of Vermont/Fletcher Allen Health Care, Burlington, VT; Suzanne E. Judd, Virginia Howard, Univ of Alabama at Birmingham, Birmingham, AL; Nancy S. Jenny, Univ of Vermont/Fletcher Allen Health Care, Burlington, VT; Brett Kissela, Univ of Cincinnati, Cincinnati, OH; Catherine Kim, Univ of Michigan, Ann Arbor, MI; Mary Cushman, Univ of Vermont/Fletcher Allen Health Care, Burlington, VT
- MP89 Epidemiology of Ischemic Stroke Subtypes within the Mashhad Stroke Incidence Study (MSIS): A Population-Based Study of Stroke in the Middle East**  
**Hamidreza Saber**, Boston Univ Sch of Public Health, Brookline, MA; Ashkan Shoamanesh, Harvard Univ Sch of Med, Boston, MA; Mahmoud Reza Azarpazhooh, Boston Univ Sch of Public Health, Brookline, MA
- MP90 Carotid Arterial Stiffness is Associated with An Increased Risk of Incident Cerebral Microbleeds in Older People: the Age, Gene/Environment Susceptibility-Reykjavik Study**  
**Jie Ding**, Natl Inst on Aging, Bethesda, MD; Michiel L Bots, Julius Ctr for Health Sciences and Primary Care, Univ Medical Ctr Utrecht, Utrecht, Netherlands; Sigurdur Sigurdsson, Icelandic Heart Association, Kopavogur, Iceland; Melissa Garcia, Tamara B. Harris, Natl Inst on Aging, Bethesda, MD; Gudny Eiriksdottir, Icelandic Heart Association, Kopavogur, Iceland; Mark A. van Buchem, Dept of Radiology, Leiden Univ Medical Ctr, Leiden, Netherlands; Vilundur Gudnason, Icelandic Heart Association, Kopavogur, Iceland; Lenore J. Launer, Natl Inst on Aging, Bethesda, MD

## MP16 Adipose Tissue Distribution and Health Risk

### Moderator:

Chiadi E. Ndumele, MD, MHS, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

- MP91 Abdominal Obesity, Independent of General Obesity, is Associated With Reduced Circadian Pattern of Cardiac Autonomic Modulation in Adolescents**  
**Sol M. Rodríguez-Colón**, Arthur Berg, Yuka Imamura Kawasawa, Anna Salzberg, Edward O Bixler, Julio Fernandez-Mendoza, Alexandros N Vgontzas, Duanping Liao, Penn State Univ Coll of Med, Hershey, PA

- MP92 Changes in Ectopic Fat are Associated with Changes in Adipokines in Healthy, Overweight/Obese Young Adults**  
**Thomas R. Radomski**, Univ of Pittsburgh Sch of Med, Pittsburgh, PA; Lina Bai, Emma Barinas-Mitchell, Univ of Pittsburgh Graduate Sch of Public Health, Pittsburgh, PA; Molly B. Conroy, Univ of Pittsburgh Sch of Med, Pittsburgh, PA
- MP93 Waist Circumference Has a Stronger Association With Diabetes Than Body Mass Index: Results From a Large Health Examination of 355,310 Thai Men and Women**  
**Parinya Chamnan**, Sanpasitthiprasong Hosp, Ubon Ratchathani, Thailand; Hansa Choenchoopon, Suvit Rojanasaksothorn, Provincial Public Health Office of Ubon Ratchathani, Ubon Ratchathani, Thailand
- MP94 Impact of a 12-Weeks Supervised Physical Activity Program After Bariatric Surgery on Body Composition and on Abdominal and Mid-Thigh Body Fat Distribution Changes: a Randomized Study**  
**Audrey Auclair**, Jany Harvey, Alexandre Sanctuaire, Simon Marceau, Laurent Biertho, Simon Biron, Frederic-Simon Hould, Stefane Lebel, Odette Lescelleur, Paul Poirier, Inst Univire de Cardiologie et de Pneumologie de Quebec, Quebec, QC, Canada
- MP95 Prevalence of General and Abdominal Obesity in Adults with Chronic Kidney Disease: Results from NHANES 2007-2012**  
**Alex R. Chang**, Geisinger Clinic, Danville, PA; Lawrence J. Appel, Morgan E. Grams, Johns Hopkins Univ, Baltimore, MD
- MP96 Directly Quantified Visceral Adipose Tissue Predicts Vascular Inflammation Beyond Traditional Anthropometric Measures**  
**Tiffany M. Powell-Wiley**, NIH, Bethesda, MD; Parasurnam Krishnamoorthy, Englewood Hosp, Englewood, NJ; Balaji Natarajan, Martin Playford, Julia Doveikis, Qimin Ng, Jack Yao, Nehal Mehta, NIH, Bethesda, MD

## Poster Presentations

- P001 State-Level Trends in Cardiovascular Health, 2003-2011**  
**Courtney Pilkerton**, Sarah Singh, WVU Sch of Public Health, Morgantown, WV; Adam Christian, WVU Sch of Med, Morgantown, WV; Thomas K Bias, Stephanie J. Frisbee, WVU Sch of Public Health, Morgantown, WV
- P002 Long Term Exposure to Outdoor Air Pollution and Cardiovascular Health**  
**Sarah Singh**, Courtney Pilkerton, WVU Sch of Public Health, Morgantown, WV; Adam Christian, WVU Sch of Med, Morgantown, WV; Thomas K. Bias, Stephanie J. Frisbee, WVU Sch of Public Health, Morgantown, WV

# Poster Presentations (continued)

- P003 Distribution of Ideal Cardiovascular Health Metrics in US and Non-US Populations: A Meta-Analysis of Proportions**  
**Adnan Younus**, Ehimen Aneni, Oluseye Ogunmoroti, Omar Jamal, Shozab Ali, Baptist Health South Florida, South Miami, FL; Sameer Shaharyar, Aventura Hosp, South Miami, FL; Muhammad Aziz, Rehan Malik, Rameez Ahmad, Chukwuemeka Osondu, Lara Roberson, Janisse Post, Theodore Feldman, Wasim Maziak, Arthur S. Agatston, Emir Veledar, Khurram Nasir, Baptist Health South Florida, South Miami, FL
- P004 Three Year Trends of Ideal Cardiovascular Health Metrics Among Employees of a Large Health Care Organization: The Baptist Health South Florida Employee Study**  
**Oluseye Ogunmoroti**, Adnan Younus, Maribeth Rouseff, Ehimen Aneni, Sankalp Das, Don Parris, Leah Holzwarth, Henry Guzman, Thinh Tran, Omar Jamal, Shozab Ali, Muhammad Aziz, Rehan Malik, Rameez Ahmad, Chukwuemeka Osondu, Janisse Post, Arthur Agatston, Theodore Feldman, Michael Ozner, Emir Veledar, Khurram Nasir, Baptist Health South Florida, Miami, FL
- P005 Association Between County Elementary and Secondary Educational Policy With Cardiovascular Health**  
**Adam Christian**, WVU Sch of Med, Morgantown, WV; Courtney Pilkerton, Sarah Singh, Thomas K. Bias, Stephanie J. Frisbee, WVU Sch of Public Health, Morgantown, WV
- P006 Ideal Cardiovascular Health is Associated With Self-Rated Health Status. The Polish-Norwegian Study (PONS)**  
**Marta Manczuk**, The Maria Sklodowska-Curie Memorial Cancer Ctr and Inst of Oncology, Warsaw, Poland; Georgeta Vaidean, Icahn Sch of Med at Mount Sinai, New York, NY; Rajesh Vedanthan, Icahn Sch of Med at Mount Sinai, Warsaw, NY; Paolo Boffetta, Icahn Sch of Med at Mount Sinai, New York, NY; Witold A. Zatonski, The Maria Sklodowska-Curie Memorial Cancer Ctr and Inst of Oncology, Warsaw, Poland
- P007 Maternal Heavy Smoking during Pregnancy in Association with Higher Risk of Gestational Diabetes in the Offspring**  
**Wei Bao**, NICHD, Natl Insts of Health, Rockville, MD; Karin B. Michels, Harvard Sch of Public Health, Boston, MA; Deirdre K. Tobias, Brigham and Women's Hosp and Harvard Medical Sch, Boston, MA; Shanshan Li, NICHD, Natl Insts of Health, Rockville, MD; Jorge E. Chavarro, Audrey J. Gaskins, Harvard Sch of Public Health, Boston, MA; Sjurdur F. Olsen, Statens Serum Inst, Copenhagen, Denmark; Allan A. Vaag, Rigshospitalet, Copenhagen, Denmark; Frank B. Hu, Harvard Sch of Public Health, Boston, MA; Cuilin Zhang, NICHD, Natl Insts of Health, Rockville, MD
- P008 Weight Gain and Cardiovascular Risk Reduction Associated With Tobacco Abstinence in Smokers With Serious Mental Illness**  
**Anne N. Thorndike**, Susanne S. Hoeppner, Corinne Cather, Gladys N. Pachas, Massachusetts General Hosp, Boston, MA; Eric D. Achtyes, Michigan State Univ Coll of Human Med, Grand Rapids, MI; A. Eden Evins, Massachusetts General Hosp, Boston, MA
- P009 Dietary Exposure to Polychlorinated Biphenyls and Incidence of Myocardial Infarction in Men – A Population-Based Prospective Cohort Study**  
**Agneta Åkesson**, Karolinska Instt, Stockholm, Sweden; Charlotte Bergkvist, European Food Safety Authority, Parma, Italy; Marika Bergkvist, Karolinska Instt, Stockholm, Sweden; Anders Glynn, The Swedish Food Agency, Uppsala, Sweden; Bettina Julin, Alicja Wolk, Karolinska Instt, Stockholm, Sweden
- P010 Dose-Response Meta-Analysis of Arsenic Exposure and Coronary Heart Disease Risk**  
**Katherine A. Moon**, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Shilpi Oberoi, Aaron Barchowsky, Univ of Pittsburgh, Pittsburgh, PA; Eliseo Guallar, Kieve E. Nachman, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Yu Chen, New York Univ Sch of Med, New York, NY; Katherine A. James, Univ of Colorado, Denver, CO; Ana Navas-Acien, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD
- P011 Inverse Relationship between Environmental Contaminant Perfluorooctane Acid and Coronary Heart Disease in Diabetes**  
**Baqiyyah Conway**, Karen Innes, West Virginia University, Morgantown, WV
- P012 Hypertension and Alterations in Left Ventricular Geometry in African Americans: The Jackson Heart Study**  
**Marwah Abdalla**, Columbia Univ Medical Ctr, New York, NY; John N. Booth III, Univ of Alabama, Birmingham, AL; Keith M. Diaz, Columbia Univ Medical Ctr, New York, NY; Mario Sims, Univ of Mississippi Medical Ctr, Jackson, MS; Paul Muntner, Univ of Alabama, Birmingham, AL; Daichi Shimbo, Columbia Univ Medical Ctr, New York, NY
- P013 Cost-Effectiveness of Treating Hypertension in African Americans According to 2014 Guidelines**  
**Eshan Vasudeva**, Columbia Univ Coll of Physicians & Surgeons, New York, NY; Nathalie Moise, Keane Y. Tzong, Columbia Univ Medical Ctr, New York, NY; Joanne Penko, Univ of California at San Francisco, San Francisco, CA; Lee Goldman, Columbia Univ Coll of Physicians & Surgeons, New York, NY; Pamela G. Coxson, Kirsten Bibbins-Domingo, Univ of California at San Francisco, San Francisco, CA; Andrew E. Moran, Columbia Univ Medical Ctr, New York, NY

# Poster Presentations (continued)

- P014 Impact of Antihypertensive Class on Central Systolic Blood Pressure and Augmentation Index: A Meta-Analysis**  
Tracey J. McGaughey, Emily A. Fletcher, USAF, Fairfield, CA; Sachin A. Shah, Univ of the Pacific, Stockton, CA
- P015 Cumulative Exposure to Prehypertensive Blood Pressure and Incident Atrial Fibrillation: The Multi-Ethnic Study of Atherosclerosis**  
Wesley T. O'Neal, Elsayed Z. Soliman, Wake Forest Sch of Med, Winston Salem, NC; Alvaro Alonso, Univ of Minnesota, Minneapolis, MN; Susan R. Heckbert, Univ of Washington, Seattle, WA; David Herrington, Wake Forest Sch of Med, Winston Salem, NC
- P016 Preventing Heart Disease, Stroke, and Related Chronic Diseases in the Mississippi Delta Region: Clinical Community Health Worker Initiative**  
Vincent Mendy, Tameka Walls, Amanda Cole, Cassandra Dove, Augusta Bilbro, Mississippi State Dept of Health, Greenwood, MS
- P017 Cardiorespiratory Fitness, Body Mass Index and Blood Pressure-Aging Trajectories in Women**  
Junxiu Liu, Univ of South Carolina, Columbia, SC
- P019 Association Between Hypertension and Kidney Function Trajectory: The Atherosclerosis Risk in Communities Study**  
Casey M. Rebholz, Yuan Chen, Kunihiro Matsushita, Josef Coresh, Morgan E. Grams, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD
- P020 Multivitamin Use and Risk of Hypertension in Prospective Cohort Study of Women**  
Susanne Rautiainen Jr., Karolinska Instt, Stockholm, Sweden; Lu Wang, Brigham and Women's Hosp, Boston, MA; I-Min Lee, J. Michael Gaziano, Julie E. Buring, Howard D. Sesso, Brigham and Women's Hosp and Harvard Medical Sch, Boston, MA
- P021 Parathyroid Hormone and the Risk of Incident Hypertension: The Atherosclerosis Risk in Communities Study (ARIC)**  
Lu Yao, Aaron Folsom, Weihong Tang, Univ of Minnesota, Minneapolis, MN; Erin Michos, Johns Hopkins Sch of Med, Baltimore, MD; James Pankow, Univ of Minnesota, Minneapolis, MN; Elizabeth Selvin, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Alvaro Alonso, Pamela Lutsey, Univ of Minnesota, Minneapolis, MN
- P022 Uncontrolled Hypertension and Lifestyle Factors Among US Adults with Disabilities**  
b, Elizabeth Courtney-Long, Dianna Carroll, Div of Human Development and Disability, Ctrs for Disease Control and Prevention, Atlanta, GA; Cathleen Gillespie, Div for Heart Disease and Stroke Prevention, Ctrs for Disease Control and Prevention, Atlanta, GA; Brian Armour, Div of Human Development and Disability, Ctrs for Disease Control and Prevention, Atlanta, GA
- P023 Burden of Hypertension, Prehypertension and Associated Lifestyle Risk Factors Among Tribals in Tribal and Urban Areas in the Northern State of Sub-Himalayan Region of India**  
Dhiraj Kapoor, R.P. Govt Medical Coll, India, Kangra, India
- P024 Blood Pressure Levels, Aggressiveness of Antihypertensive Therapy, and Prevalence of Left Ventricular Hypertrophy**  
Sindhu Lakkur, Univ of Alabama at Birmingham, Birmingham, AL; Sayed Soliman, Wake Forest Univ, Winston-Salem, NC; Suzanne Oparil, Suzanne Judd, George Howard, Univ of Alabama at Birmingham, Birmingham, AL
- P025 Arterial Stiffness is Unrelated to Number of Antihypertensive Medication Classes used to Normalize Blood Pressure with Control for Cardiovascular Risk Factors**  
Rachael V. Torres, Merrill F. Elias, Kevin J. Sullivan, Univ of Maine, Orono, ME; Gregory A. Dore, Natl Insts of Health, Bethesda, MD; Michael A Robbins, Univ of Maine, Orono, ME
- P026 Gender Difference of the Association of Serum Polyunsaturated Fatty Acids With the Evolution of Hemodynamics**  
Chisa Matsumoto, Hirofumi Tomiyaa, Akira Yamashina, Tokyo Medical Univ, Tokyo, Japan
- P027 Associations of Renin-Angiotensin-Aldosterone System Genes with Blood Pressure changes and Hypertension Incidence: The GenSalt Study**  
William J. He, Tulane Univ, New Orleans, LA; Changwei Li, Tulane Univ SPHTM, New Orleans, LA; Dabeeru C. Rao, Washington Univ Sch of Med, St. Louis, MO; James E. Hixson, Univ of Texas Sch of Public Health, Houston, TX; Dongfeng Gu, Chinese Acad of Medical Sciences and Peking Union Medical Coll, Beijing, China; Treva K. Rice, Washington Univ Sch of Med, St. Louis, MO; Jianfeng Huang, Chinese Acad of Medical Sciences and Peking Union Medical Coll, Beijing, China; Lawrence C. Shimmin, Univ of Texas Sch of Public Health, Houston, TX; Jie Cao, Chinese Acad of Medical Sciences and Peking Union Medical Coll, Beijing, China; Tanika N. Kelly, Tulane Univ SPHTM, New Orleans, LA
- P028 Length of Residence in Urban Environment based on MODIS Satellite Derived Urban Land Cover is an Independent Predictor of Blood Pressure**  
Kevin J. Lane, Yale Univ Sch of Forestry & Environmental Studies, New Haven, CT; Jahnavi Sunderarajan, Vijaykumar Harivanzan, Sri Ramachandra Univ, Porur, India; Kenneth K Chui, Tufts Univ Sch of Med, Boston, MA; Sadagopan Thanikachalam, Sri Ramachandra Univ, Porur, India; Mohan Thanikachalam, Tufts Univ Sch of Med, Boston, MA

# Poster Presentations (continued)

- P029 Sucralose Promotes Increase in Fat Accumulation in Human Mesenchymal Stem Cells**  
Sabyasachi Sen, **Carol Rouphael**, Sara Houston, George Washington Univ, Washington, DC
- P030 Traditional Cultural Beliefs and Length of Residence in the United States are Associated With Dietary Intakes Among South Asians**  
**Sameera A. Talegawkar**, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Namratha R. Kandula, Div of General Internal Med, Northwestern Univ, Chicago, IL; Meghana D. Gadgil, Div of General Internal Med, Univ of California, San Francisco, San Francisco, CA; Dipika Desai, Population Health Res Inst, Hamilton Health Sciences, Hamilton, ON, Canada; Alka M. Kanaya, Div of General Internal Med, Univ of California, San Francisco, San Francisco, CA
- P031 Significant Predicted Change in Usual Sodium Intake for the U.S. Population From Meeting Sodium Standards for Commercially-Packaged and Restaurant Foods: National Health and Nutrition Examination Survey, 2007-2010**  
**Mary Cogswell**, Sheena Patel, Keming Yuan, Cathleen Gillespie, CDC, Atlanta, GA; WenYen Juan, FDA, College Park, MD; Christine Johnson, New York City Dept of Health and Mental Hygiene, New York, NY; Michel Vigneault, Health Canada, Ottawa, ON, Canada; Jenifer Clapp, New York City Dept of Health and Mental Hygiene, New York, NY; Paula Roach, Health Canada, Ottawa, ON, Canada; Alanna Moshfegh, Jaspreet Ahuja, Pamela Pehrsson, USDA, Beltsville, MD; Robert Merritt, CDC, Atlanta, GA
- P032 Wine Consumption and Cognitive Function**  
Chelsey Kamson, **Alexis K. Bui**, Beatrice Alexandra Golomb, Univ of California San Diego, La Jolla, CA
- P033 Sugar Sweetened Beverage Intake, Chromosome 9p21 Variants, and Risk of Myocardial Infarction in Hispanics**  
**Yan Zheng**, Yanping Li, Tao Huang, Harvard Sch of Public Health, Boston, MA; Han-Ling Cheng, Boston University, Boston, MA; Hannia Campos, Lu Qi, Harvard Sch of Public Health, Boston, MA
- P034 Circulating Omega-3 Fatty Acids and Risk of Acute Myocardial Infarction in Singapore Chinese**  
**Ye Sun**, Natl Univ of Singapore, Singapore, Singapore; Woon-Puay Koh, Duke-NUS Graduate Medical Sch, Singapore, Singapore; Jian-Min Yuan, Univ of Pittsburgh, Pittsburgh, PA; Hyungwon Choi, Choon Nam Ong, Rob M van Dam, Natl Univ of Singapore, Singapore, Singapore
- P035 Simple Cooking With Heart Culinary Literacy Program: Skill Acquisition, Attitudinal Change, Intention and Efficacy Lead to Improved Dietary Consumption Patterns**  
**Liz McKnight**, Dorothea K. Vafiadis, American Heart Association, Dallas, TX
- P036 Medical Advice is Associated with Taking Action to Reduce Sodium Intake, Behavior Risk Factor Surveillance System 2013**  
**Sandra L. Jackson**, Sallyann C. King, Soyoun Park, Jing Fang, Erika Odom, Mary E. Cogswell, Ctrs for Disease Control and Prevention, Chamblee, GA
- P037 Effect of a Family Based Intervention on Biomarkers of Diet Quality/Endogenous Metabolism and BMI z-score**  
**Nirupa R. Matthan**, Tufts Univ, Boston, MA; Xiaonan Xue, Qi Gao, Judith Wylie-Rosett, Albert Einstein Coll of Med, Bronx, NY; Alice H. Lichtenstein, Tufts Univ, Boston, MA
- P038 Dietary Capsaicin May Decrease Blood Pressure Through Enhancing NO With eNOS Activation in 2-Kidney, 1-Clip Hypertensive Rats**  
Yukiko Segawa, Kobe Women's Univ, Suma, Kobe, Japan; Hiroko Hashimoto, Osaka Seikei junior Coll, Higashiyodogawa, Osaka, Japan; Tomoko Osera, **Nobutaka Kurihara**, Kobe Women's Univ, Suma, Kobe, Japan
- P039 Dietary Patterns are Associated with Cognitive Function in US Adults**  
**Keith Pearson**, Virginia Wadley, Leslie McClure, Suzanne Judd, Univ of Alabama at Birmingham, Birmingham, AL
- P040 Animal and Vegetable Protein Intake and Coronary Artery Calcium – The Kangbuk Samsung Health Study**  
**Yuni Choi**, Seungho Ryu, Yoosoo Chang, Ctr for Cohort Studies, Total Healthcare Screening Ctr, Kangbuk Samsung Hosp, Sungkyunkwan Univ Sch of Med., Seoul, Korea, Republic of; Jung Eun Lee, Dept of Food and Nutrition, Sookmyung Women's Univ., Seoul, Korea, Republic of; Eunju Sung, Juhee Cho, Ctr for Cohort Studies, Total Healthcare Screening Ctr, Kangbuk Samsung Hosp, Sungkyunkwan Univ Sch of Med., Seoul, Korea, Republic of; Sanjay Rampal, Di Zhao, Depts of Epidemiology and Med, and Welch Ctr for Prevention, Epidemiology, and Clinical Res, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, Maryland, USA., Baltimore, MD; Yiyi Zhang, Depts of Epidemiology and Med, and Welch Ctr for Prevention, Epidemiology, and Clinical Res, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Jiin Ahn, Ctr for Cohort Studies, Total Healthcare Screening Ctr, Kangbuk Samsung Hosp, Sungkyunkwan Univ Sch of Med., Seoul, Korea, Republic of; Miguel Cainzos-Achirica, Depts of Epidemiology and Med, and Welch Ctr for Prevention, Epidemiology, and Clinical Res, Johns Hopkins Bloomberg Sch of Public Health., Baltimore, MD; Roberto Pastor-Barriuso, Natl Ctr for Epidemiology, Insto de Salud Carlos III., Seoul, Spain; Joao A. Lima, Div of Cardiology, Johns Hopkins Univ Sch of Med., Baltimore, MD; Hocheol Shin, Ctr for Cohort



# Poster Presentations (continued)

Studies, Total Healthcare Screening Ctr, Kangbuk Samsung Hosp, Sungkyunkwan Univ Sch of Med., Seoul, Korea, Republic of; Eliseo Guallar, Depts of Epidemiology and Med, and Welch Ctr for Prevention, Epidemiology, and Clinical Res, Johns Hopkins Bloomberg Sch of Public Health., Baltimore, MD

**P041 Relations of Three Types of Low Carbohydrate Diet to Cardiometabolic Risk Factors and C-Reactive Protein: The INTERLIPID Study**

**Yasuyuki Nakamura**, Kyoto Womans Univ, Kyoto, Japan; Hirotsugu Ueshima, Shiga Univ of Medical Science, Otsu, Japan; Nagako Okuda, Univ of Human Arts and Sciences, Saitama, Japan; Katsuyuki Miura, Shiga Univ of Medical Science, Otsu, Japan; Yoshikuni Kita, Tsuruga City Univ of Nursing, Tsuruga, Japan; Naoko Miyagawa, Shiga Univ of Medical Science, Otsu, Japan; Katsushi Yoshita, Osaka City Univ, Osaka, Japan; Hideaki Nakagawa, Kanazawa Medical Univ, Kanazawa, Japan; Kiyomi Sakata, Iwate Medical Univ, Morioka, Japan; Shigeyuki Saitoh, Sapporo Medical Univ Sch of Med, Sapporo, Japan; Tomonori Okamura, Keio Univ, Tokyo, Japan; Akira Okayama, Res Ctr for Lifestyle-related Diseases, Tokyo, Japan; Sohail R. Choudhry, Natl Heart Fndn Hosp & Res Inst, Dhaka, Bangladesh; Beatriz Rodriguez, Kamal H. Masaki, Univ of Hawaii, Honolulu, HI; Queenie Chan, Sch of Public Health Imperial Coll London, London, United Kingdom; Jeremiah Stamler, Northwestern Univ, Chicago, IL

**P042 Association of Long-Term Coffee Consumption with Total and Cause-Specific Mortality**

**Ming Ding**, Harvard Sch of Public Health, Brookline, MA; Ambika Satija, Harvard Sch of Public Health, Boston, MA; Shilpa Bhupathiraju, Qi Sun, Harvard Sch of Public Health, Brookline, MA; Jiali Han, Indiana Univ, Indianapolis, IN; Walter Willett, Harvard Sch of Public Health, Brookline, MA; Rob van Dam, Natl Univ of Singapore and Natl Univ Health System, Singapore, Singapore; Frank Hu, Harvard Sch of Public Health, Brookline, MA

**P043 Alcohol Consumption, Transferrin Saturation and Risk of All-Cause Mortality in The National Health and Nutrition Examination Surveys**

**Laurence O. James**, Vanderbilt Univ Medical Ctr, Nashville, TN; James N. Kiage, Coll of Med Univ of Tennessee Health Science Ctr, Memphis, TN; Loren Lipworth, Uchechukwu K. Sampson, Edmond K. Kabagambe, Vanderbilt Univ Medical Ctr, Nashville, TN

**P044 Alcohol Consumption, Statin Use and Risk of All-Cause Mortality in the Reasons for Geographic and Racial Differences in Stroke (REGARDS) Cohort**

**Edmond K. Kabagambe**, Vanderbilt Univ Medical Ctr, Nashville, TN; James N. Kiage, Univ of Tennessee Health Science Ctr, Memphis, TN; Suzanne E. Judd, Univ of Alabama at Birmingham,

Birmingham, AL; James C. Slaughter, Loren Lipworth, Uchechukwu Sampson, Vanderbilt Univ Medical Ctr, Nashville, TN; Luc Djousse, Brigham and Women's Hosp, Boston, MA; Eric B. Rimm, Harvard Sch of Public Health, Boston, MA; Mary Cushman, Univ of Vermont, Colchester, VT; Sergio Fazio, Oregon Health and Science Univ, Portland, OR; Monika Safford, Virginia J. Howard, George Howard, Univ of Alabama at Birmingham, Birmingham, AL; for the Alcohol and Statin Epidemiology Consortium

**P045 Western Dietary Patterns are Associated with the Prevalence of Hypertension in South Korea – The Kangbuk Samsung Health Study**

**Sanjay Rampal**, Juhee Cho, Depts of Epidemiology and Med, and Welch Ctr for Prevention, Epidemiology, and Clinical Res, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD; Yuni Choi, Ctr for Cohort Studies, Total Healthcare Ctr, Kangbuk Samsung Hosp, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; Yiyi Zhang, Di Zhao, Depts of Epidemiology and Med, and Welch Ctr for Prevention, Epidemiology, and Clinical Res, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD; Roberto Pastor-Barriuso, Natl Ctr for Epidemiology, Carlos III Inst of Health and Consortium for Biomedical Res in Epidemiology and Public Health (CIBERESP), Madrid, Spain; Yoosoo Chang, Ctr for Cohort Studies, Total Healthcare Ctr, Kangbuk Samsung Hosp, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; Joao A. Lima, Div of Cardiology, Johns Hopkins Univ Sch of Med, Baltimore, MD; Hocheol Shin, Dept of Family Med, Kangbuk Samsung Hosp and Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; Seungho Ryu, Ctr for Cohort Studies, Total Healthcare Ctr, Kangbuk Samsung Hosp, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; Eliseo Guallar, Depts of Epidemiology and Med, and Welch Ctr for Prevention, Epidemiology, and Clinical Res, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD

**P046 Dietary Fat Intake and Mortality Among Women and Men With Prior Myocardial Infarction: Results From Two Prospective Cohort Studies**

**Daniela Schmid**, Univ of Regensburg, Regensburg, Germany; Shanshan Li, Natl Insts of Health, Bethesda Md, WA; Kenneth J. Mukamal, Div of General Med and Primary Care, Beth Israel Deaconess Medical Ctr, Brookline, MA; Alan Flint, Depts of Nutrition and Epidemiology, Harvard Sch of Public Health, Boston, MA; Walter C. Willett, Eric B. Rimm, Depts of Nutrition and Epidemiology, Harvard Sch of Public Health, Channing Div of Network Med, Dept of Med, Boston, MA



# Poster Presentations (continued)

- P047 The Role of the Healthy Heart Score in the Primordial Prevention of CVD Among Women**  
**Mercedes Sotos-Prieto**, Josiemer Mattei, Frank B. Hu, Andrea K. Chomistek, Eric B. Rimm, Walter C. Willett, A. Heather Eliassen, Stephanie E. Chiuve, Harvard Sch of Public Health, Boston, MA
- P048 Sodium Intake is Associated with Weight Status in Australian Schoolchildren Aged 4-12 Years**  
**Carley A. Grimes**, Janet Baxter, Lynn Riddell, Karen Campbell, Deakin Univ, Melbourne, Australia; Feng He, Queen Mary Univ of London, London, United Kingdom; Caryl Nowson, Deakin Univ, Melbourne, Australia
- P049 Principal Component Analysis of Dietary Patterns and the Risk of Cardiovascular Disease and Mortality in Older British Men**  
**Janice Atkins**, Univ Coll London, London, United Kingdom; Peter Whincup, St George's Univ of London, London, United Kingdom; Richard Morris, Lucy Lennon, Olia Papacosta, Goya Wannamethee, Univ Coll London, London, United Kingdom
- P050 Vitamin K Intake and Risk of Coronary Heart Disease and Stroke in the Rotterdam Study**  
**Anouk I. Engelen**, Top Inst Food and Nutrition and Div of Human Nutrition, Wageningen Univ, Wageningen, Netherlands; Johanna M. Geleijnse, Div of Human Nutrition, Wageningen Univ, Wageningen, Netherlands; Cees Vermeer, VitaK, Maastricht, Netherlands; Jacqueline C. Witteman, Albert Hofman, Oscar H. Franco, Dept of Epidemiology, Erasmus Medical Ctr, Rotterdam, Netherlands; Edith J. Feskens, Div of Human Nutrition, Wageningen Univ, Wageningen, Netherlands
- P051 Healthy Lifestyle Factors are Uncommon and Associated with Reduced Risk of Cardiovascular Disease and Mortality in Candidates for Primary Prevention with Statin Therapy**  
**John N. Booth III**, Lisandro D. Colantonio, Mary Cushman, George Howard, Monika Safford, Maciej Banach, Kristi Reynolds, Paul Muntner, Univ of Alabama at Birmingham, Birmingham, AL
- P052 Coronary Heart Disease Mortality Declines in the United States From 1980 through 2011: Evidence for Stagnation in Young Adults, Especially Women**  
**Kobina A. Wilmot**, Emory Univ, Atlanta, GA; Martin O'Flaherty, Simon Capewell, Univ of Liverpool, Liverpool, United Kingdom; Earl S. Ford, Ctrs for Disease Control and Prevention, Atlanta, GA; Viola Vaccarino, Emory Univ, Atlanta, GA
- P053 Modifiable Risk Factors for Prevention of Cardiovascular Disease and Mortality in Middle-Aged Women: Systematic Review and Meta-Analysis**  
**Veronica Colpani**, ERASMUS MC, Rotterdam, Netherlands; Cristina Baena, PUCPR, Curitiba, Brazil; Loes Jaspers, Ziba Farajzadegan, Klodian Dhana, Gilson Veloso, Myrte Tielemans, Maryam Kavousi, ERASMUS MC, Rotterdam, Netherlands; Rajiv Chowdhury, Univ of Cambridge (UC), Cambridge, United Kingdom; Oscar Franco, ERASMUS MC, Rotterdam, Netherlands
- P054 Prevalence and Sociodemographic Determinants of Cardiovascular Health in a Sample of Adults From a Developing Country: Results From the Chicamocha Cohort Study**  
**Víctor M. Herrera**, Univ Autónoma de Bucaramanga, Floridablanca, Colombia; Christina M. Shay, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Yeny Z. Castellanos, Juan C. Villar, Univ Autónoma de Bucaramanga, Floridablanca, Colombia
- P055 Six-Month Changes in Ideal Health and Cardiovascular Risk Scores Among Young Adults Enrolled in a Weight Loss Intervention**  
**Bethany Barone Gibbs**, Wendy C. King, John M. Jakicic, Univ of Pittsburgh, Pittsburgh, PA
- P056 Emerging Lifestyle Markers Predict Regression of Carotid Intima-Media Thickness Scores**  
**Steven C. Masley**, Univ of South Florida, St Petersburg, FL; Richard Roetzheim, Univ of South Florida, Tampa, FL; Lucas V Masley, Timothy McNamara, Univ of South Florida, St Petersburg, FL; Douglas D. Schocken, Duke Univ Medical Ctr, Durham, NC
- P057 Cardiovascular Diseases and Cancer Incidences Associated With Cardiovascular Risk Profile: Results from MATISS Italian Cohort**  
**Smona C. Ursu**, Luigi Palmieri, Simona Giampaoli, Istituto Superiore di Sanità, Rome, Italy; Fabio Pannozzo, Population Cancer Registry, Latina, Italy; Cinzia Lo Noce, Istituto Superiore di Sanità, Rome, Italy; Annarita Vestri, Sapienza Univ of Rome, Rome, Italy; Jeremiah Stamler, Feinberg Sch of Med, Northwestern Univ, Chicago, IL
- P058 Serum Fibroblast Growth Factor-23 Does Not Have a Linear Relation to Cardiovascular Mortality**  
**Karl Krupp**, Florida Intl Univ, Miami, FL; Emir Veledar, Baptist Health South Florida, Miami, FL; Purnima Madhivanan, Florida Intl Univ, Miami, FL; Robert Cook, Univ of Florida, Gainesville, FL; Khurram Nasir, Baptist Health South Florida, Miami, FL
- P059 Arterial Thickness and Stiffness are Independent Predictors of Myocardial Strain**  
**Connie E. McCoy**, Philip R. Khoury, Stephanie N. Stewart, Lauren E. Longhshore, Nicolas L. Madsen, Lawrence M Dolan, Thomas R. Kimball, Elaine M. Urbina, Cincinnati Children's Hosp, Cincinnati, OH

# Poster Presentations (continued)

- P060 Factors Affecting Cardiovascular Risk Perception in Subjects Submitted to a Routine Health Evaluation**  
**Thais N. Helou Sr.**, Raul D. Santos, Antonio G. Laurinavicius, Fabio G. Franco, Raquel D. Conceicao, Jose A. Carvalho, Antonio E. Pesaro, Fernando M. Silva, Mauricio Wajngarten, Marcelo Katz, Hosp Israelita Albert Einstein, Sao Paulo, Brazil
- P061 Dietary Intake of Saturated Fat by Food Source and Incident Coronary Heart Disease: the Zutphen Elderly Study**  
**Janette de Goede**, Sabita S. Soedamah-Muthu, Eirini Trichia, Johanna M. Geleijnse, Daan Kromhout, Wageningen Univ, Wageningen, Netherlands
- P062 Cardiovascular Health Awareness Among School Children in the Rural District of Midnapore, India: A School-Based Survey**  
**Madhab Ray**, Lahey Hosp and Medical Ctr, Burlington, MA
- P063 Defects in Well-Being Psychological Factors Rather Than Ill-Being Factors Are Predictors of Acute Coronary Syndrome: A Comprehensive Lifestyle Analysis**  
**Ick-Mo Chung**, Ewha Womans Univ Sch of Med, Seoul, Korea, Republic of; Jisun So, Seoul Natl Univ, Seoul, Korea, Republic of; Jihyeon Seo, Yonsei Univ, Seoul, Korea, Republic of; Hyejin Chun, Byungmi Kim, Ewha Womans Univ Sch of Med, Seoul, Korea, Republic of; Kyong-Mee Chung, Yonsei Univ, Seoul, Korea, Republic of; Sung Nim Han, Seoul Natl Univ, Seoul, Korea, Republic of
- P064 Association of Cardiorespiratory Fitness and Submaximal Blood Pressure Among Young Healthy Men – A Reverse J-curve Pattern Relationship**  
**Vivek K. Prasad**, Clemens Drenowatz, Arnold Sch of Public Health, Columbia, SC; Gregory A. Hand, Sch of Public Health, Morgantown, WV; Carl C. Lavie, Ochner Clinical Sch-UQ Sch of Med, New Orleans, LA; Xuemei Sui, Madison Demello, Steven N. Blair, Arnold Sch of Public Health, Columbia, SC
- P065 Cross-Sectional and Prospective Associations of the Cortisol/Testosterone and Cortisol/ Sex Hormone Binding Globulin Ratios With Atherosclerosis in Women**  
**Ju-Mi Lee**, Laura A. Colangelo, Northwestern Univ, Chicago, IL; Joseph E. Schwartz, Stony Brook Sch of Med, New York, NY; Yuichiro Yano, Northwestern Univ, Chicago, IL; David S. Siscovick, The New York Acad of Med, New York, NY; Teresa Seeman, David Geffen Sch of Med at UCLA, LA, CA; Pamela J. Schreiner, Univ of Minnesota, Minneapolis, MN; Kiang J. Liu, Donald M. Lloyd-Jones, Philip Philip, Northwestern Univ, Chicago, IL
- P066 Cortisol/Testosterone and Cortisol/ Sex Hormone Binding Globulin Ratios With Metabolic Syndrome in Women**  
**Ju-Mi Lee**, Laura Colangelo, Northwestern Univ, Chicago, IL; Joseph E. Schwartz, Stony Brook Sch of Med, New York, NY; Yuichiro Yano, Northwestern Univ, Chicago, IL; David S. Siscovick, The New York Acad of Med, New York, NY; Teresa Seeman, David Geffen Sch of Med at UCLA, LA, CA; Pamela J. Schreiner, Univ of Minnesota, Minneapolis, MN; Kiang J. Liu, Donald M. Lloyd-Jones, Philip Greenland, Northwestern Univ, Chicago, IL
- P067 Longitudinal Association of Self-Reported Sleep-Disordered Breathing and Peripheral Arterial Disease: The Multi-Ethnic Study of Atherosclerosis**  
**Mako Nagayoshi**, Dept of Community Med, Nagasaki Univ, Nagasaki, Japan; Susan Redline, Brigham and Women's Hosp and Beth Israel Deaconess Medical Ctr, Harvard Medical Sch, Boston, MA; Aaron R. Folsom, Div of Epidemiology and Community Health, Univ of Minnesota, Minneapolis, MN; Eyal Shahar, Div of Epidemiology and Biostatistics, Univ of Arizona, Phoenix, AZ; Hiroyasu Iso, Div of medicine, Osaka Univ, Suita, Japan; Christina L. Wassel, Dept of Epidemiology Graduate Sch of Public Health, Univ of Pittsburgh, Pittsburgh, PA; Matthew A. Allison, Michael H Criqui, Dept of Family and Preventive Med, Univ of California, San Diego, CA; Pamela L. Lutsey, Div of Epidemiology and Community Health, Univ of Minnesota, Minneapolis, MN
- P068 Obstructive Sleep Apnea is Associated with an Increase Risk of Osteoporosis**  
**Anawin Sanguankeo**, Sikarin Upala, Bassett Medical Ctr, Cooperstown, NY
- P069 Association Between Habitual Sleep Duration and Cardiometabolic Disease, and the Mediating Role of Foregoing Care: Data From the 2013 Behavioral Risk Factor Surveillance System**  
**Michael A. Grandner**, Univ of Pennsylvania, Philadelphia, PA; Megan Petrov, Arizona State Univ, Phoenix, AZ; Subhajit Chakravorty, Siya Bhatt, Indira Gurubhagavatula, Univ of Pennsylvania, Philadelphia, PA
- P070 Comparison of Heritability Estimation Using the Principal Components Calculated by Maximizing Variance and Heritability for OSA Traits**  
**Jingjing Liang**, Tao Feng, Case Western Reserve Univ, Cleveland, OH; Brian Cade, Harvard Medical Sch, Boston, MA; Xihong Lin, Harvard Sch of Public Health, Boston, MA; Richa Saxena, Kevin Gleason, Harvard Medical Sch, Boston, MA; Xiaofeng Zhu, Case Western Reserve Univ, Cleveland, OH; Susan Redline, Harvard Medical Sch, Boston, MA

# Poster Presentations (continued)

- P071 How to Get a Better Night's Sleep: Be Active and Reduce Sedentary Behaviour**  
**Lisa Kakinami**, Erin K. O'Loughlin, Concordia Univ, Montreal, QC, Canada; Jennifer Brunet, Univ of Ottawa, Ottawa, ON, Canada; Erika N. Dugas, Ctr de Recherche du Ctr Hospier de l'Univ de Montréal, Montreal, QC, Canada; Catherine Sabiston, Univ of Toronto, Toronto, ON, Canada; Jennifer L. O'Loughlin, Univ of Montreal, Montreal, QC, Canada
- P072 Short Sleep Duration is Associated with Elevated Homocysteine Levels**  
**Megan E. Petrov**, Arizona State Univ, Phoenix, AZ; Michael A. Grandner, Univ of Pennsylvania, Philadelphia, PA; Carol M. Baldwin, Matthew P. Buman, Shawn D. Youngstedt, Arizona State Univ, Phoenix, AZ
- P073 Insufficient and Poor Sleep are Associated with Barriers to Healthy Eating and Lower Physical Activity: Baseline Characteristics of the EMPOWER Study**  
**Christopher E. Kline**, Patrick J. Strollo, Eileen R. Chasens, Bonny Rockette-Wagner, Andrea Kriska, Christopher C. Imes, Lora E. Burke, Univ of Pittsburgh, Pittsburgh, PA
- P074 Restless Legs Syndrome and Carotid Intima-Media Thickness in Women**  
**Karen Jacobo**, Adriana Monge, Eduardo Ortiz-Panozo, Elsa Yunes, Insto Nacional de Salud Publica, Cuernavaca, Morelos, Mexico; Andres Catzin-Khulmann, Carlos Cantu-Brito, Insto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán, Mexico City, Mexico; Ruy Lopez-Ridaura, Martin Lajous, Insto Nacional de Salud Publica, Cuernavaca, Morelos, Mexico
- P075 Prevalence and Characterization of Sleep Disordered Breathing in Heart Failure Patients**  
**Zunera Ghaznavi**, Alberta Warner, Armand Ryden, Dale Jun, Michelle Zeidler, West LA VA, Los Angeles, CA
- P077 Sleep Disturbances and Risk of First Cardiovascular Events. Results from the MONICA Brianza and PAMELA Cohort Studies in Northern Italy**  
**Lorenza Bertù**, Marco M. Ferrario, **Francesco Gianfagna**, Giovanni Veronesi, Univ dell'Insubria, Varese, Italy; Guido Grassi, Clinica Medica Univ degli Studi di Milano-Bicocca, Monza, Italy; Giancarlo Cesana, Univ degli Studi di Milano-Bicocca, Monza, Italy
- P078 Exploring Social Inequalities in Ischemic Stroke Incidence in Europe. The MORGAM Project Cohort Component**  
**Marco M. Ferrario**, **Giovanni Veronesi**, Univ dell'Insubria, Varese, Italy; Lloyd E. Chambless, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Kari Kuulasmaa, THL-Natl Inst for Health and Welfare, Helsinki, Finland; Stefan Soderberg,

Cardiology and Heart Ctr, Umeå Univ, Umeå, Sweden; Veikko Salomaa, THL-Natl Inst for Health and Welfare, Helsinki, Finland; Andrzej Pajak, Jagiellonian Univ Medical Coll, Krakow, Poland; Philippe Amouyel, Pasteur Inst of Lille, Lille, France; Dominique Arveiler, Univ of Strasbourg, Strasbourg, France; Wojciech Drygas, Natl Inst of Cardiology, Warsaw, Poland; Jean Ferrieres, Toulouse Univ Sch of Med, Toulouse, France; Nigel Hart, Queen's Univ Belfast, Belfast, United Kingdom; Torben Jorgensen, Glostrup Univ Hosp, Glostrup, Denmark; Sofia Malyutina, Siberian Branch of Russian Acad of Medical Sciences, Novosibirsk, Russian Federation; Annette Peters, German Res Ctr for Environmental Health, Neuherberg, Germany; Abdonas Tamosiunas, Lithuanian Univ of Health Sciences, Kaunas, Lithuania; Hugh Tunstall-Pedoe, Inst of Cardiovascular Res, Univ of Dundee, Dundee, United Kingdom; Giancarlo Cesana, Univ degli Studi di Milano-Bicocca, Monza, Italy

- P079 Disparities in Heart Failure in Older Age: Do Individual or Neighbourhood Measures of Deprivation Affect Incidence Over a 10-Year Follow-up?**  
**Sheena Ramsay**, Univ Coll London, London, United Kingdom; P. H. Whincup, St George's Univ of London, London, United Kingdom; R. W. Morris, A.O. Papacosta, L. T. Lennon, S. G. Wannamethee, Univ Coll London, London, United Kingdom
- P080 The Combined Effect of Low Income and Low Education on Coronary Heart Disease Outcomes in the Reasons for Geographic and Racial Differences in Stroke (REGARDS) Study**  
**Marquita W. Lewis**, Yulia Khodneva, Monika M. Safford, Univeristiy of Alabama at Birmingham, Birmingham, AL
- P081 Neighborhood Social Environments and Incident Obesity: the Multi-Ethnic Study of Atherosclerosis (MESA)**  
**Mahasin Mujahid**, Univ of California, Berkeley, Berkeley, CA; Amy Auchincloss, Drexel Univ, Philadelphia, PA; Emon Elboudwarej, Univ of California, Berkeley, Berkeley, CA; Mercedes Carnethon, Northwestern Univ, Chicago, IL; Tonatiuh Barrientos-Gutierrez, Natl Inst of Public Health, Mexico City, Mexico; Tiffany Powell-Wiley, Natl Heart, Lung, and Blood Inst, Natl Insts of Health, Bethesda, MD; Ana Diez Roux, Drexel Univ, Philadelphia, PA
- P082 Neighborhoods and Racial/Ethnic Differences in Ideal Cardiovascular Health: The Multi-Ethnic Study of Atherosclerosis (MESA)**  
**Mahasin Mujahid**, Univ of Calif Berkeley, Berkeley, CA; Latetia Moore, Ctr for Disease Control and Prevention, Atlanta, GA; Lucia Petito, Univ of California, Berkeley, Berkeley, CA; Kiarri Kershaw, Northwestern Univ, Chicago, IL; Karol Watson, Univ of California, Los Angeles, Los Angeles, CA; Ana Diez Roux, Drexel Univ, Philadelphia, PA

# Poster Presentations (continued)

**P083 Friends Participating in Physical Activity with Obese Youth is Associated with Lower Perceived Barriers to Physical Activity and More Time Spent in Physical Activity**

**Jessica G. Woo**, Alyxis Giordullo, Nancy A. Crimmins, Lisa J. Martin, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH

**P084 Neighborhood Characteristics and Changes in Systolic Blood Pressure Over Time: The Multi-Ethnic Study of Atherosclerosis**

**Paulina Kaiser**, Oregon State Univ, Corvallis, OR; Lynda Lisabeth, Philippa Clarke, Sara Adar, Univ of Michigan, Ann Arbor, MI; Mahasin Mujahid, Univ of California, Berkeley, Berkeley, CA; Robyn McClelland, Univ of Washington, Seattle, WA; Mercedes Carnethon, Northwestern Univ, Chicago, IL; Alain Bertoni, Wake Forest Univ, Winston-Salem, NC; Steven Shea, Columbia Univ, New York, NY; Ana V Diez Roux, Drexel Univ, Philadelphia, PA

**P085 Neighborhood Population Density is Associated With Lower Levels of Potassium Excretion in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL)**

**David B. Hanna**, Albert Einstein Coll of Med, Bronx, NY; Franklyn Gonzalez II, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Kiarri N. Kershaw, Northwestern Univ, Chicago, IL; Andrew G. Rundle, Columbia Univ, New York, NY; Linda Van Horn, Northwestern Univ, Chicago, IL; Judith Wylie-Rosett, Robert C. Kaplan, Yasmin Mossavar-Rahmani, Albert Einstein Coll of Med, Bronx, NY; Gina S. Lovasi, Columbia Univ, New York, NY

**P086 Sex-specific Differences in Psychosocial and Other Determinants Predicting Hospital Utilization in Older Adults**

**Marie Krousel-Wood**, Ochsner Health System and Tulane Univ, New Orleans, LA; Cara Joyce, Tulane Univ Sch of Public Health and Tropical Med, New Orleans, LA; Philip Oravetz, Janet Niles, Ochsner Health System, New Orleans, LA; Diane J. Graziano, Argonne Natl Labs, New Orleans, LA; Luke O. Hansen, Bonnie Spring, Northwestern Univ, Chicago, IL; Gina Graham, General Electric Healthcare, Chicago, IL; Charles Macal, Argonne Natl Labs, Chicago, IL

**P087 Cardiometabolic Risk Factors and Socioeconomic Status in Peruvian Adults: The CRONICAS Cohort Study**

**Renato Quispe**, Juan Carlos Bazo-Alvarez, Frank Peralta-Alvarez, Giancarlo A. Valle, CRONICAS Ctr of Excellence in Chronic Diseases, Lima, Peru; William Checkley, Robert H. Gilman, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Liam Smeeth, London Sch of Hygiene and Tropical Med, London, United Kingdom; Antonio Bernabé-Ortiz, J. Jaime Miranda, CRONICAS Ctr of Excellence in Chronic Diseases, Lima, Peru

**P088 Perceptions of Alcohol as Heart Healthy: The Health eHeart Study**

**Isaac R. Whitman**, Mark J. Pletcher, Eric Vittinghoff, Kourtney E. Imburgia, Carol Maguire, Laura Betterncourt, Todd Parsnick, Tuhin Sinha, Geoffrey H. Tison, Jeffrey E. Olgin, Gregory M. Marcus, UCSF, San Francisco, CA

**P089 Social Inequalities in Coronary Heart Disease Across European Populations. The MORGAM Project Cohort Component** (*this poster will be placed next to P078 in the poster hall*)

**Giovanni Veronesi**, Marco M. Ferrario, Univ dell'Insubria, Varese, Italy; Lloyd E. Chambless, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Kari Kuulasmaa, THL-Natl Inst for Health and Welfare, Helsinki, Finland; Stefan Soderberg, Cardiology and Heart Ctr, Umeå Univ, Umeå, Sweden; Veikko Salomaa, THL-Natl Inst for Health and Welfare, Helsinki, Finland; Andrzej Pajak, Jagiellonian Univ Medical Coll, Krakow, Poland; Philippe Amouyel, Pasteur Inst of Lille, Lille, France; Dominique Arveiler, Univ of Strasbourg, Strasbourg, France; Wojciech Drygas, Natl Inst of Cardiology, Warsaw, Poland; Jean Ferrieres, Toulouse Univ Sch of Med, Toulouse, France; Nigel Hart, Queen's Univ Belfast, Belfast, United Kingdom; Torben Jorgensen, Glostrup Univ Hosp, Glostrup, Denmark; Sofia Malyutina, Siberian Branch of Russian Acad of Medical Sciences, Novosibirsk, Russian Federation; Annette Peters, German Res Ctr for Environmental Health, Neuherberg, Germany; Abdonas Tamosiunas, Lithuanian Univ of Health Sciences, Kaunas, Lithuania; Hugh Tunstall-Pedoe, Inst of Cardiovascular Res, Univ of Dundee, Dundee, United Kingdom; Giancarlo Cesana, Univ degli Studi di Milano-Bicocca, Monza, Italy

**P090 Socioeconomic Factors After a Disaster Were Associated with Cardiovascular-Related Symptoms: Fukushima Health Management Survey**

**Wen Zhang**, Tetsuya Ohira, Epidemiology Dept, Sch of Med, Fukushima Medical Univ, Fukushima, Japan; Michiko Yuki, Mayumi Harigane, Naoko Horikoshi, Radiation Medical Science Ctr for the Fukushima Health Management Survey, Fukushima, Japan; Yuriko Suzuki, Dept of Adult Mental Health, Natl Inst of Mental Health, Natl Ctr of Neurology and Psychiatry Japan, Tokyo, Japan; Akira Ohtsuru, Dept of Radiation Health Management, Sch of Med, Fukushima Medical Univ, Fukushima, Japan; Hirooki Yabe, Dept of Neuropsychiatry, Sch of Med, Fukushima Medical Univ, Fukushima, Japan; Masaharu Maeda, Dept of Disaster Psychiatry, Sch of Med, Fukushima Medical Univ, Fukushima, Japan; Masato Nagai, Hironori Nakano, Hideto Takahashi, Radiation Medical Science Ctr for the Fukushima Health Management Survey, Fukushima, Japan; Seiji Yasumura, Dept of Public Health, Sch of Med,



# Poster Presentations (continued)

- Fukushima Medical Univ, Fukushima, Japan;  
Shunichi Yamashita, Masafumi Abe, Radiation  
Medical Science Ctr for the Fukushima Health  
Management Survey, Fukushima, Japan;  
Fukushima Health Management Survey Group
- P350 Prevalence of Metabolic Risk Factors and Acculturation in Latinos: Results From Nhanes 1999-2012**  
**Sameed Ahmed M. Khatana**, Brigham and Women's Hosp, Boston, MA; Fátima Rodriguez, Stanford Sch of Med, Stanford, CA; James B. Meigs, Bianca C. Porneala, Lenny López, Massachusetts General Hosp, Boston, MA
- P091 Atrial Fibrillation Prevalence and Clinical Correlates Among Diverse Hispanic/Latinos: The Hispanic Community Health Study / Study of Latinos (HCHS-SOL)**  
**Farah Dawood**, Carlos Rodriguez, Wake Forest Univ, Winston Salem, NC; Sylvia W. Smoller, Albert Einstein Coll of Med, Bronx, NY; Alvaro Alonso, Univ of Minnesota Sch of Public Health, Minneapolis, MN; Emelia J. Benjamin, Boston Univ, Framingham, MA; Susan Heckbert, Univ of Washington, Seattle, WA; Elsayed Soliman, Wake Forest Univ, Winston Salem, NC; Martha L. Daviglus, Univ of Illinois, Chicago, IL; Katrina Swett, Wake Forest Univ, Winston Salem, NC; Neil Schneiderman, Univ of Miami, Miami, FL
- P092 New Predictive Equation for 24-Hour Urine Sodium Excretion from Spot Urine Samples Among Older and Hypertensive Adults: The MESA and CARDIA Urinary Sodium Study**  
**Lihui Zhao**, Norrina B. Allen, Northwestern Univ, Chicago, IL; Catherine M. Loria, Natl Insts of Health, Bethesda, MD; Linda Van Horn, Northwestern Univ, Chicago, IL; Chia-Yih Wang, Ctrs for Disease Control and Prevention, Hyattsville, MD; Mary E. Cogswell, Ctrs for Disease Control and Prevention, Atlanta, GA; Jacqueline Wright, Natl Insts of Health, Bethesda, MD; Alicia Carriquiry, Iowa State Univ, Ames, IA; Kiang Liu, Northwestern Univ, Chicago, IL
- P093 AREST CAD: Adherence Effects of a Comprehensive Reminder System on Medication Adherence in Stable Cardiac Patients**  
**Avinash Pandey**, Cambridge Cardiac Care Ctr and Ctr for Healthcare Delivery Sciences, Brigham and Women's Hosp, Harvard Medical Sch, Cambridge, ON, Canada
- P094 Gender Difference of Left Ventricular Geometry and Prolonged QRS Duration on Electrocardiogram: MESA (Multi-Ethnic Study of Atherosclerosis)**  
**Yuko Inoue**, Hiroshi Ashikaga, Yoshiaki Ohyama, Gustavo Volpe, Bharath Ambale-Venkatesh, João Lima, Johns Hopkins Hosp, Baltimore, MD
- P095 What R U Eating: A Pilot Study Using Text Messaging to Track Adolescent Behavior Habits in a High School Setting**  
Laura Dotson, Rachel Draper, William Beckner, Samueli Inst, Alexandria, VA; Erica D. Irvin, HealthCorps, New York, NY; **Shawn G. Hayes**, HealthCorps, Sacramento, CA; Weimin Zhang, Neetu Narang, John Ives, Samueli Inst, Alexandria, VA
- P096 Effectiveness of a Comprehensive Care Delivery System on Readmission Rates and Self-Care in Older Adult Patients with Heart Failure**  
**Linda L. Tavares**, Bon Secours Heart and Vascular Inst, Richmond, VA
- P097 Predictive Model of Bleeding Events in Atrial Fibrillation Patients Using Dabigatran**  
**Ian R. Rapson**, Lin Y. Chen, Richard F. Maclellane, Pamela L. Lutsey, Alvaro Alonso, Univ of Minnesota, Minneapolis, MN
- P099 Atrial Flutter – Clinical Correlates and Adverse Outcomes in the Framingham Heart Study**  
**Faisal Rahman**, Boston Univ Medical Ctr, Boston, MA; Na Wang, Boston Univ Sch of Public Health, Boston, MA; Xiaoyan Yin, Framingham Heart Study, Framingham, MA; Patrick T. Ellinor, Steven A. Lubitz, Massachusetts General Hosp, Boston, MA; Paul A. LeLorier, Louisiana State Univ Sch of Med, New Orleans, LA; David D. McManus, Univ of Massachusetts Medical Ctr, Worcester, MA; Emelia J. Benjamin, Jared W. Magnani, Boston Univ Sch of Med, Boston, MA
- P100 Kidney Health and Sudden Death Risk: The Reasons for Geographic and Racial Differences in Stroke (REGARDS) Cohort**  
**Rajat Deo**, Univ of Pennsylvania, Philadelphia, PA; Elsayed Z. Soliman, Wake Forest Univ Sch of Med, Winston Salem, NC; Yulia Khodneva, Paul M. Muntner, Univ of Alabama, Birmingham, AL; William McClellan, Emory Univ, Atlanta, GA; Todd M. Brown, Suzanne E. Judd, James D. Rhodes, Orlando M. Gutierrez, Univ of Alabama, Birmingham, AL; Michael G. Shlipak, Univ of California, San Francisco, San Francisco, CA; Christine M. Albert, Brigham and Women's Hosp, Boston, MA; Monika M. Safford, Univ of Alabama, Birmingham, AL
- P101 Associations of Adiposity and Atrial Fibrillation in Older Adults: the Health ABC Study**  
**Konstantinos N. Aronis**, Boston Medical Ctr, Boston University Sch of Med, Boston, MA; Na Wang, Data Coordinating Ctr, Boston Univ Sch of Public Health, Boston, MA; Caroline Phillips, Intramural Res Program, Natl Inst on Aging, Natl Insts of Health, Univ of California, San Francisco, CA; Emelia J. Benjamin, Cardiology Section, Whitaker Cardiovascular Inst, Evans Dept of Med, Boston, Boston, MA; Gregory M. Marcus, Electrophysiology Section, Div of Cardiology, Univ of California, San Francisco, CA; Anne B.



# Poster Presentations (continued)

Newman, Dept of Epidemiology, Graduate Sch of Public Health, Univ of Pittsburgh, Pittsburgh, PA; Nicolas Rodondi, Dept of General Internal Med, Univ of Bern, Bern, Switzerland; Suzanne Satterfield, Dept of Preventive Med, Univ of Tennessee Health Science Ctr, Memphis, TN; Tamara B. Harris, Intramural Res Program, Natl Inst on Aging, Natl Insts of Health, Univ of California, San Francisco, CA; Jared W. Magnani, Cardiology Section, Whitaker Cardiovascular Inst, Evans Dept of Med, Boston, Boston, MA

## **P102 Resting Heart Rate and Incident Atrial Fibrillation in the Elderly**

**Mohamed Faher Almahmoud**, Elsayed Soliman, Wesley Oneal, Wake Forest Univ, Winston Salem, NC

## **P103 Kidney Function and Sudden Cardiac Death in the Community: The Atherosclerosis Risk in Communities (ARIC) Study**

**Takeki Suzuki**, Sunil K. Agarwal, Johns Hopkins Univ, Baltimore, MD; Rajat Deo, Univ of Pennsylvania, Philadelphia, PA; Nona Sotoodehnia, Univ of Washington, Seattle, WA; Morgan Grams, Elizabeth Selvin, Hugh Calkins, Johns Hopkins Univ, Baltimore, MD; Wayne Rosamond, Univ of North Carolina Sch of Public Health, Chapel Hill, NC; Gordon Tomaselli, Josef Coresh, Kunihiro Matsushita, Johns Hopkins Univ, Baltimore, MD

## **P104 Serum 25-hydroxyvitamin D Levels and Incidence of Atrial Fibrillation: The Atherosclerosis Risk in Communities Study**

**Jeffrey R. Misialek**, Alvaro Alonso, Univ of Minnesota, Minneapolis, MN; Erin D. Michos, John Hopkins Univ, Baltimore, MD; Lin Y. Chen, Univ of Minnesota, Minneapolis, MN; Elsayed Z. Soliman, Wake Forest Sch of Med, Winston-Salem, NC; Elizabeth Selvin, John Hopkins Univ, Baltimore, MD; Myron Gross, John H. Eckfeldt, Pamela L. Lutsey, Univ of Minnesota, Minneapolis, MN

## **P105 Small Magnitude of the Heart Movement Due to Respiration is Associated With Sudden Cardiac Death**

Muammar M. Kabir, Elyar Ghafoori, Oregon Health & Science Univ, Portland, OR; Jonathan W Waks, Beth Israel Deaconess Medical Ctr, Boston, MA; Sunil K. Agarwal, Johns Hopkins Univ Sch of Public Health, Baltimore, MD; Dan E. Arking, Johns Hopkins Univ, Baltimore, MD; Nona Sotoodehnia, Univ of Washington, Seattle, WA; David S. Siscovick, New York Acad of Med, New York, NY; Wendy Post, Johns Hopkins Univ SOM, Baltimore, MD; Charles Henrikson, Oregon Health & Science Univ, Portland, OR; Scott D. Solomon, Brigham and Women's Hosp, Boston, MA; Elsayed Z. Soliman, Wake Forest Sch of Med, Winston Salem, NC; Josef Coresh, Johns Hopkins Univ Sch of Public Health, Baltimore, MD; Mark E. Josephson, Beth Israel Deaconess Medical Ctr, Boston, MA; **Larisa G. Tereshchenko**, Oregon Health & Science Univ, Portland, OR

## **P106 Physical Activity and Atrial Fibrillation in NHANES III**

**Larisa G. Tereshchenko**, Oregon Health & Science Univ, Portland, OR; Amit Shah, Emory Univ, Atlanta, GA; Elsayed Z. Soliman, Wake Forest Sch of Med, Winston Salem, NC

## **P107 The Association Between Cancer and Atrial Fibrillation: The REasons for Geographic and Racial Differences in Stroke (REGARDS) Study**

**Wesley T. O'Neal**, Wake Forest Sch of Med, Winston Salem, NC; Susan G. Lakoski, Univ of Vermont, Burlington, VT; Waqas Qureshi, Wake Forest Sch of Med, Winston Salem, NC; Suzanne E. Judd, George Howard, Virginia Howard, Univ of Alabama at Birmingham, Birmingham, AL; Mary Cushman, Univ of Vermont, Burlington, VT; Elsayed Z. Soliman, Wake Forest Sch of Med, Winston Salem, NC

## **P108 Comorbidity Burden in Atrial Fibrillation: A Population-Based Case-Control Study**

**Alanna M. Chamberlain**, Mayo Clinic, Rochester, MN; Margaret C. Byrne, Mercyhurst Univ, Erie, PA; Alvaro Alonso, Univ of Minnesota, Minneapolis, MN; Bernard J. Gersh, Sheila M. Manemann, Jill M. Killian, Susan A. Weston, Veronique L. Roger, Mayo Clinic, Rochester, MN

## **P109 Effects of Tree Nuts on Blood Lipids, Lipoproteins, and Blood Pressure: Meta-Analysis and Dose-Response of 61 Trials**

**Liana C. Del Gobbo**, Tufts Univ, Boston, MA; Michael C. Falk, Robin Feldman, Kara Lewis, Life Science Res Organization, Bethesda, MD; Dariush Mozaffarian, Tufts Univ, Boston, MA

## **P110 Mean Daily Pedometer Step Count is Associated With Weight Loss**

**Christopher C. Imes**, Lei Ye, Yaguang Zheng, Juliet Mancino, Cynthia A. Danford, Meghan Mattos, Edwin Music, Dara D. Mendez, Hu Lu, Lin J. Ewing, Susan M. Sereika, Lora E. Burke, Univ of Pittsburgh, Pittsburgh, PA

## **P111 A Cluster Randomized Controlled Trial to Examine the Effects of Tai Chi and Walking Exercises on Weight Loss, Metabolic Syndrome Parameters, and Bone Mineral Density**

**Yao Jie Xie**, Stanley Sai-chuen Hui, Timothy Chi-yui Kwok, Jean Woo, Chinese Univ of Hong Kong, Hong Kong, Hong Kong

## **P112 Changes in Lifestyle Behavior to Reduce Uncontrolled Blood Pressure in the Faith Trial**

**Kristie J. Lancaster**, New York Univ, New York, NY; Antoinette M. Schoenthaler, New York Univ Sch of Med, New York, NY; William Chaplin, St. John's Univ, Queens, NY; Gbenga Ogedegbe, New York Univ Sch of Med, New York, NY

# Poster Presentations (continued)

- P113 Cardiovascular Risk Reduction in Kentucky Inmates: Effect of a Fitness Training and Health Education Intervention**  
**Alison Connell**, Debra Moser, Terry Lennie, Misook Chung, Univ of Kentucky, Lexington, KY
- P114 The Impact of Obesity and Weight Loss on Nocturnal Blood Pressure Dipping**  
**Arjun K. Pandey**, Cambridge Cardiac Care Ctr & Waterloo Collegiate Inst, Waterloo, ON, Canada
- P115 Effect of an Environmental Intervention on the Nutrient Content of Food Served at Psychiatric Rehabilitation Centers: Results From the ACHIEVE Trial**  
**Tiffany F. Ho**, Joseph V. Gennusa, Johns Hopkins Univ Sch of Med, Baltimore, MD; Cheryl Anderson, UC San Diego Sch of Med, San Diego, CA; Arlene Dalcin, Lawrence J. Appel, Stacy Goldsholl, Johns Hopkins Univ Sch of Med, Baltimore, MD; Gerald Jerome, Towson Univ, Baltimore, MD; Faith Dickerson, Sheppard Pratt Health Systems, Baltimore, MD; Deborah Young, Kaiser Permanente, Pasadena, CA; Nae-Yuh Wang, Courtney Cook, Gail L. Daumit, Johns Hopkins Univ Sch of Med, Baltimore, MD
- P116 High Depressive Symptoms May Represent a Barrier to Reach Ideal Cardiovascular Health. A Cross-Sectional Analysis in 10 154 Participants From the Paris Prospective Study III**  
**Bamba Gaye**, French Inst of Health and Medical Res (U970), Univ Paris Descartes, Paris, France; Christof Prugger, French Inst of Health and Medical Res (U970), Paris, France; Pierre Boutouyrie, Assistance Publique des Hôpitaux de Paris (APHP), Paris, France; Frédérique Thomas, Ctr d'Investigations Préventives et Cliniques, Paris, France; Catherine Guibout, French Inst of Health and Medical Res (U970), Paris, France; Marie Cécile Perrier, French Inst of Health and Medical Res - U970, Paris, France; Bruno Pannier, Ctr d'Investigations Préventives et Cliniques, Paris, France; Xavier Jouven, French Inst of Health and Medical Res (U970) - Assistance Publique des Hôpitaux de Paris (APHP), Paris, France; Jean Philippe Empana, French Inst of Health and Medical Res (U970), Paris, France
- P117 Day to Day Variation in Self-Efficacy Associated with Weight Loss and Risk of Dietary Lapses**  
**Lora E. Burke**, Univ of Pittsburgh Sch of Nursing, Pittsburgh, PA; Linda J. Ewing, Univ of Pittsburgh Sch of Med, Pittsburgh, PA; Saul Shiffman, Univ of Pittsburgh, Pittsburgh, PA; Dan Siewiorek, Asim Smailagic, Carnegie-Mellon Univ, Pittsburgh, PA; Andrea Kriska, Univ of Pittsburgh Graduate Sch of Public Health, Pittsburgh, PA; Steven Rathbun, Univ of Georgia, Athens, GA
- P118 Changes in Physical Activity by Self-Weighing Trajectory Groups**  
**Yaguang Zheng**, Susan M. Sereika, Linda J. Ewing, Cynthia A. Danford, Bonny Rockette-Wagner, Christopher C. Imes, Hu Lu, Ran Sun, Lora E. Burke, Univ of Pittsburgh, Pittsburgh, PA
- P119 Tailored Lifestyle Intervention for Obese, Sedentary Patients in Primary Care: Choose to Lose Study**  
**Charles B. Eaton**, Brown Univ, Pawtucket, RI; Sheri Hartman, Univ of California at San Diego, San Diego, CA; Patricia M. Risica, Kim M. Gans, Brown Univ, Providence, RI; Bess H. Marcus, Univ of California at San Diego, San Diego, CA
- P120 Long-Term Adherence to Heart Healthy Behaviors in Older Adults: A Theory-Based Approach**  
**Kathleen M. Michael**, Margaret Hammersla, Jennifer Klinedinst, Barbara Resnick, Univ of Maryland, Baltimore, MD
- P121 Comparative Effectiveness Study of the Diabetes Prevention Program in Families: Preliminary Results**  
**Jennifer Wessel**, Erin O'Kelly-Phillips, Kelly Palmer, Chandan Saha, Tamara Hannon, Aaron Carroll, David G. Marrero, Indiana Univ, Indianapolis, IN
- P122 Fidelity to Motivational Interviewing and Weight Loss in Young Adults: Cellphone Intervention for You (CITY) Trial**  
**Crystal C. Tyson**, Pao-Hwa Lin, Leonor C. Corsino, Bryan C. Batch, John A. Gallis, Steven C. Grambow, Jennifer Schwager, Duke Univ Medical Ctr, Durham, NC; Denise Ernst, Denise Ernst Training and Consultation, Portland, OR; Laura P. Svetkey, Duke Univ Medical Ctr, Durham, NC
- P123 Life's Simple 7 and Leukocyte Telomere Length in American Indians: The Strong Heart Study**  
**Jinying Zhao**, Tulane Univ, New Orleans, LA; Mihriye Mete, Sameer Desale, MedStar Health Res Inst, Hyattsville, MD; Amanda M. Fretts M. Fretts, Univ of Washington, Seattle, WA; Shelley A. Cole, Texas Biomedical Res Inst, San Antonio, TX; Lyle G. Best, Missouri Breaks Industries Res Inc., Timber Lake, SD; Jue Lin, Tet Matsuguchi, Elizabeth Blackburn, Univ of California San Francisco, San Francisco, CA; Elisa T. Lee, Univ of Oklahoma Health Science Ctr, Oklahoma City, OK; Barbara V Howard, MedStar Health Res Inst, Hyattsville, MD
- P124 Ideal Cardiovascular Health During Adult Life and Cardiovascular Structure and Function among the Elderly**  
**Amil M. Shah**, Brian Claggett, Brigham and Women's Hosp, Boston, MA; Aaron R. Folsom, Pamela L. Lutsey, Univ of Minnesota, Minneapolis, MN; Scott D. Solomon, Brigham and Women's Hosp, Boston, MA

# Poster Presentations (continued)

- P125 The Association Between Chronic Obstructive Pulmonary Disease and Cognitive Status in an Elderly Sample Using the Third National Health and Nutrition Examination Survey**  
**Ayesha Sherzai**, Joshua Z. Willey, Columbia Univ Medical Ctr, New York, NY; Sonia Vega, Loma Linda Univ Sch of Public Health, Loma Linda, CA; Dean Sherzai, Cedars Sinai Medical Ctr, Los Angeles, CA
- P126 Consumption of Fruits and Vegetables and Risk of Frailty**  
 Esther García-Esquinas, LM León-Muñoz, Auxiliadora Graciani, **Pilar Guallar-Castillón**, Fernando Rodríguez-Artalejo, Dept of Preventive Med and Public Health. Sch of Med. Univ Autónoma de Madrid/ IdiPAZ, and CIBER of Epidemiology and Public Health (CIBERESP), Madrid, Spain, Madrid, Spain
- P127 Racial Disparities in Risk Factor Control in Older Adults with Diabetes: The Atherosclerosis Risk in Communities (ARIC) Study**  
 Christina Parrinello, Dept of Epidemiology, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; **Ina Rastegar**, Dept of Epidemiology, Johns Hopkins Bloomberg Sch of Public Health; Baltimore Polytechnic Inst, Baltimore, MD; Job G. Godino, Dept of Epidemiology, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Michael D. Miedema, Minneapolis Heart Inst and Minneapolis Heart Inst Fndn; Brigham and Women's Hosp and Boston VA Healthcare System, Harvard Medical Sch, Minneapolis, MN; Kunihiro Matsushita, Dept of Epidemiology, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Elizabeth Selvin, Dept of Epidemiology, Johns Hopkins Bloomberg Sch of Public Health; Dept of Med, Johns Hopkins Univ, Baltimore, MD
- P128 Walking May Be a Viable Alternative to Recreational Physical Activity for Promoting Physical and Mental Wellbeing Among the Elderly**  
**Rosemay A. Remigio-Baker**, Andrea LaCroix, Jordan Carlson, Jacqueline Kerr, Matthew A. Allison, Univ of California, San Diego, La Jolla, CA
- P129 Mid-Life Blood Lipid Levels, Blood Pressure and Smoking in Men: Relation With 5-yr CHD Incidence Compared to Associations With Multi-Morbidity Among Survivors at Late Life**  
**Uri Goldbourt**, Tel Aviv Univ, Tel Aviv, Israel; David Tanne, Sheba Medical Ctr, Tel Hashomer, Israel
- P130 Statin Use is Associated With Prevalent Depression in Asymptomatic Octogenarians**  
**Kammarauche Asuzu**, Duke Univ Hosp, Durham, NC; Ehimen Aneni, Baptist Health South Florida, Miami, FL; Andrea Placido Esposito, Univ of Campinas, Campinas, Brazil; Ebenezer Oni, Brooklyn Hosp, Brooklyn, NY; Emir Veledar, Theodore Feldman, Arthur S. Agatston, Baptist Health South Florida, Miami, FL; Wladimir Freitas, Univ of Campinas, Campinas, Brazil; Raul D. Santos, Univ of Sao Paulo, Sao Paulo, Brazil; Luiz A. Quaglia, Maria E. Guariento, Andrei Sposito, Univ of Campinas, Campinas, Brazil; Khurram Nasir, Baptist Health South Florida, Miami, FL
- P131 Is Older Age ( $\geq 65$  years old) Associated with Increased Mortality Following Extra-Corporeal Membrane Oxygenation?**  
**David L. Narotsky**, Matthew Mosca, Ming Liao, Linda Mongero, James Beck, Matthew Bacchetta, Heidi Mochari-Greenberger, Columbia Univ Medical Ctr, New York, NY
- P132 Association of Cardiovascular Risk Factors with Cognitive Function: Results from the Italian Health Examination Survey 2008-2012**  
**Giovanni Viscogliosi**, Simona Giampaoli, Istituto Superiore di Sanità, Rome, Italy; Diego Vanuzzo, Associazione Italiana Medici Cardiologi Ospedalieri, Florence, Italy; Chiara Donfrancesco, Francesco Dima, Serena Vannucchi, Claudia Meduri, Istituto Superiore di Sanità, Rome, Italy
- P133 National and Regional Lipid Screening Rates in Youth: A Synthesis of Available Evidence**  
**Sean Gregory**, Texas A&M Univ, College Station, TX; Catherine McNeal, Baylor Scott & White Health, Temple, TX; Justin Zachariah, Boston Children's Hosp, Boston, MA; Debra Tan, Texas A&M Univ, College Station, TX; Andrea Cassidy-Bushrow, Henry Ford Hosp, Detroit, MI; Jeff Tom, Kaiser Permanente, Honolulu, HI; Jeff VanWormer, Marshfield Clinic Res Fndn, Marshfield, WI; Eric Wright, Gesinger Ctr for Health Res, Danville, PA; Laurel Copeland, Baylor Scott & White Health, Temple, TX
- P134 Cystatin C Predicts Diastolic Dysfunction in Children with Chronic Kidney Disease, Independent of Kidney Function**  
**Tammy M. Brady**, Johns Hopkins Univ, Baltimore, MD; Kelly C. McDermott, Michael F. Schneider, Christopher Cox, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD; Bradley A. Warady, The Children's Mercy Hosp, Kansas City, MO; Susan Furth, Children's Hosp of Philadelphia, Philadelphia, PA; Mark Mitsnefes, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH
- P135 Body Mass Index and Indicators of Adiposity Are Adversely Associated With Cardiovascular Biomarkers in Youth With Type 1 Diabetes Over 18 Months**  
**Leah M. Lipsky**, Tonja R. Nansel, Denise L. Haynie, NICHD, Bethesda, MD; Lori M. Laffel, Sanjeev N. Mehta, Lisa K. Volkening, Joslin Diabetes Ctr, Boston, MA; Aiyi Liu, NICHD, Bethesda, MD
- P136 Childhood BMI Associated With Low HDL-c Levels in Adolescence in a Chilean Cohort**  
**Ann Von Holle**, Kari North, Anne Justice, Univ of North Carolina, Chapel Hill, Chapel Hill, NC; Eastern Kang, Estela Blanco, Sheila Gahagan, Univ of California, San Diego, San Diego, CA

## Poster Presentations (continued)

- P137 Updated Trends in CVD Risk Factors and Rurality in Appalachian Children using Surveillance, Clustered Statistical Design and GIS Capabilities**  
**Christa Lilly**, Lesley Cottrell, Evan Fedorko, Amna Umer, William Neal, West Virginia Univ, Morgantown, WV
- P138 Lifestyle Goals in Pediatric Preventive Cardiology: Practical Clinical Application**  
**Justin P. Zachariah**, Michael M. Mendelson, Suzanne Griggs, Heather H. Ryan, Annette L. Baker, Lucy Buckley, Nirav K. Desai, Elizabeth Yellen, Matthew W. Gillman, Sarah D. de Ferranti, Boston Children's Hosp, Boston, MA
- P139 Duration of Childhood Obesity and Relation to Middle-Age Obstructive Sleep Apnea Risk: The Bogalusa Heart Study**  
**TIAN HU**, Tulane Univ, New Orleans, LA; Suzie Bertisch, Beth Israel Deaconess Medical Ctr, Boston, MA; Wei Chen, Emily Harville, Tulane Univ, New Orleans, LA; Susan Redline, Brigham and Women's Hosp, Boston, MA; Lydia Bazzano, Tulane Univ, New Orleans, LA
- P140 Association of Adult Stature With High Blood Pressure and Diabetes: A Cross-Sectional Study in Middle-Aged Mexican Women**  
 Karl P. Puchner, Inst of Tropical Med and Intl Health, Charité-Universitätsmedizin, Berlin, Germany; Eduardo Ortiz-Panoso, Isabel Vieitez, Martín Lajous, **Ruy Lopez-Ridaura**, Natl Inst of Public Health, Mexico, Cuernavaca, Mexico
- P141 Non-alcoholic Fatty Liver Disease, Insulin Resistance, and the Risk of Incident Ischemic Heart Disease and Stroke – The Kangbuk Samsung Health Study**  
**Yoosoo Chang**, Seungho Ryu, Juhee Cho, Kangbuk Samsung Hosp, Sungkyunkwan Univ, Sch of Med, Seoul, Korea, Republic of; Sanjay Rampal, Julius Ctr Univ of Malaya, Kuala Lumpur, Malaysia; Yiyi Zhang, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD; Di Zhao, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD; Yuni Choi, Jiin Ahn, Kangbuk Samsung Hosp, Sungkyunkwan Univ, Sch of Med, Seoul, Korea, Republic of; Miguel Cainzos-Achirica, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD; Roberto Pastor-Barriuso, Insto de Salud Carlos III, Madrid, Spain; Joao A. Lima, Johns Hopkins Univ Sch of Med, Baltimore, MD; Hocheol Shin, Kangbuk Samsung Hosp, Sungkyunkwan Univ, Sch of Med, Seoul, Korea, Republic of; Eliseo Guallar, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD
- P142 Association of the Metabolic Syndrome With Pulse Wave Velocity: The Atherosclerosis Risk in Communities Study (ARIC)**  
**Anna K. Poon**, Michelle L. Snyder, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Elizabeth Selvin, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; James S. Pankow, Univ of Minnesota, Minneapolis, MN; David Couper, Laura Loefer, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Hirofumi Tanaka, Univ of Texas at Austin, Austin, TX; Gerardo Heiss, Univ of North Carolina at Chapel Hill, Chapel Hill, NC
- P143 Circulating Level of Hepatocyte Growth Factor and Incidence of Diabetes Mellitus: The Multi-Ethnic Study of Atherosclerosis**  
**Michael P. Bancks**, Univ of Minnesota Sch of Public Health, Minneapolis, MN; Suzette J. Bielinski, Paul A. Decker, Mayo Clinic, Rochester, MN; Naomi Q. Hanson, Univ of Minnesota, Minneapolis, MN; Nicholas B. Larson, Hugues Sicotte, Mayo Clinic, Rochester, MN; Christina L. Wassel, Univ of Pittsburgh Graduate Sch of Public Health, Pittsburgh, PA; James S. Pankow, Univ of Minnesota Sch of Public Health, Minneapolis, MN
- P144 Race and Vitamin D Binding Protein Gene Polymorphisms Modify the Association between 25-Hydroxyvitamin D and Incident Diabetes: The Atherosclerosis Risk in Communities (ARIC) Study**  
**Jared P. Reis**, Natl Heart, Lung, and Blood Inst, Bethesda, MD; Erin D. Michos, Elizabeth Selvin, Johns Hopkins Medical Insts, Baltimore, MD; James S. Pankow, Pamela L. Lutsey, Univ of Minnesota, Minneapolis, MN
- P145 Evaluating the Diagnostic Efficacy of A1C, Fructosamine and Glycated Albumin in Determining Glucose Tolerance Status in Africans: The Africans in America Study**  
 Michelle T. Duong, Caroline K. Thoreson, Stephanie T. Chung, Paola C. Aldana, Madia Ricks, Lilian S. Mabundo, Natl Insts of Health, NIDDK, Bethesda, MD; David B. Sacks, Natl Insts of Health, Dept of Lab Med, Clinical Ctr, Bethesda, MD; **Anne E. Sumner**, Natl Insts of Health, NIDDK, Bethesda, MD
- P146 Diabetes, Prediabetes and Risk of Hospitalization: the Atherosclerosis Risk in Communities (ARIC) Study**  
**Andrea L. Schneider**, Hsin Chieh Yeh, Rita R. Kalyani, Sherita H. Golden, Johns Hopkins Univ, Baltimore, MD; Sally C. Stearns, Lisa Wruck, The Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Josef Coresh, Elizabeth Selvin, Johns Hopkins Univ, Baltimore, MD



# Poster Presentations (continued)

- P147 Hemoglobin A1c Cut Points to Define Various Glucose Intolerance Groups in a South Asian Population**  
**Mohan Thanikachalam**, Tufts Univ Sch of Med, Boston, MA; Vijaykumar Harivanzan, Sri Ramachandra Univ, Porur, India; Vijay Nambi, Baylor Sch of Med, Houston, TX; Sadagopan Thanikachalam, Sri Ramachandra Univ, Porur, India
- P148 Neck Circumference as an Independent Contributor to Cardio Metabolic Risk Factors – ELSA BRASIL**  
**Cristina P. Baena**, Paulo A. Lotufo, São Paulo Univ, São Paulo, Brazil; Maria J. Fonseca, Fundação Oswaldo Cruz, Rio de Janeiro, Brazil; Isabela J. Benseñor, São Paulo Univ, São Paulo, Brazil
- P149 The Impact on HbA1c of Adherence Measured Over Multiple Short Intervals: A More Direct Assessment of Biologic Response**  
**Gregory A. Nichols**, A. Gabriela Rosales, Teresa M. Kimes, Kaiser Permanente, Portland, OR; Kaan Tunceli, Merck & Co, Whitehouse Station, NJ; Karen Kurtyka, Rutgers Sch of Public Health, Piscataway, NJ; Panagiotis Mavros, Merck & Co, Whitehouse Station, NJ; John F. Steiner, Kaiser Permanente, Denver, CO
- P150 Weight-Loss Diets and 2-Year Change of Circulating Amino Acids in Two Randomized Intervention Trials**  
**Yan Zheng**, Harvard Sch of Public Health, Boston, MA; Uta Ceglarek, Univ Hosp Leipzig, Liebigstrasse, Germany; Tao Huang, Harvard Sch of Public Health, Boston, MA; Lerong Li, Univ of Texas, Houston, TX; Jennifer Rood, Donna H Ryan, George A. Bray, Pennington Biomedical Res Ctr of the Louisiana State Univ System, Baton Rouge, LA; Frank M Sacks, Harvard Sch of Public Health, Boston, MA; Dan Schwarzfuchs, Nuclear Res Ctr Negev, Dimona, Israel; Joachim Thiery, Univ Hosp Leipzig, Liebigstrasse, Germany; Iris Shai, Ben-Gurion Univ of the Negev, Beer-Sheva, Israel; Lu Qi, Harvard Sch of Public Health, Boston, MA
- P151 Duration and Types of Statin Use and Long-Term Risk of Type 2 Diabetes Among Men and Women with Hypercholesterolemia: Findings From 3 Prospective Cohorts**  
**Dong D. Wang**, Yanping Li, Harvard Sch of Public Health, Boston, MA; An Pan, Natl Univ of Singapore, Singapore, Singapore; Edward Giovannucci, Walter Willett, Harvard Sch of Public Health, Boston, MA; JoAnn Mason, Brigham and Women's Hosp and Harvard Medical Sch, Boston, MA; Frank Hu, Harvard Sch of Public Health, Boston, MA
- P152 Urinary isoflavonoids and Risk of Type 2 Diabetes: A Prospective Investigation in U.S. Women**  
**Ming Ding**, Harvard Sch of Public Health, Brookline, MA; Adrian Franke, Univ of Hawai'i Cancer Ctr, Honolulu, HI; Bernard Rosner, Rob van Dam, Shelley Tworoger, Frank Hu, Harvard Sch of Public Health, Boston, MA; Qi Sun, Harvard Sch of Public Health, BOSTON, MA
- P153 Is a Continuous Metabolic Syndrome Score a Better Predictor of Vascular Damage in Youth?**  
**Elaine Urbina**, Zhiqian Gao, Philip Khoury, Connie McCoy, Lawrence Dolan, Thomas Kimball, Cincinnati Childrens Hosp, Cincinnati, OH
- P154 Pericardial Adiposity Predicts Incident Diabetes: The Multi-Ethnic Study of Atherosclerosis**  
**Amy C. Alman**, Univ of South Florida, Tampa, FL; David R. Jacobs Jr, Univ of Minnesota, Minneapolis, MN; Matthew A. Allison, Univ of California San Diego, San Diego, CA; John Jeffrey Carr, Vanderbilt Univ Medical Ctr, Nashville, TN; Fang-Chi Hsu, Wake Forest Univ Sch of Med, Winston-Salem, NC; James G. Terry, Vanderbilt Univ Medical Ctr, Nashville, TN; Janet K. Snell-Bergeon, Univ of Colorado Denver, Aurora, CO; Cora E. Lewis, Univ of Alabama at Birmingham, Birmingham, AL; Alain G. Bertoni, Wake Forest Univ Sch of Med, Winston-Salem, NC; David C. Goff Jr, Colorado Sch of Public Health, Aurora, CO; Jingzhong Ding, Wake Forest Univ Sch of Med, Winston-Salem, NC
- P155 Weight Gain and Insulin Sensitivity in Adults With and Without Type 1 Diabetes**  
**Lindsey M. Duca**, Barbara Davis Ctr for Childhood Diabetes, Aurora, CO; Irene E. Schauer, Div of Endocrinology, Metabolism and Diabetes, Dept of Med, Sch of Med, Aurora, CO; Janet K. Snell-Bergeon, Barbara Davis Ctr for Childhood Diabetes, Aurora, CO
- P156 Anger Expression and Incident Diabetes Among African American Adults: The Jackson Heart Study**  
Tracey H. Taveira, VA Medical Ctr; Univ of Rhode Island; Brown Univ, Providence, RI; Michelle L. Hershey, VA Medical Ctr, Providence, RI; Kristen Knoph, VA Medical Ctr; Univ of Rhode Island, Providence, RI; DeMarc Hickson, Univ of Mississippi Medical Ctr Sch of Med, Jackson, MS; **Wen-Chih Wu**, VA Medical Ctr; Univ of Rhode Island; Brown Univ, Providence, RI



# Poster Presentations (continued)

- P157 Serum Vitamin D is Not Associated With Risk of Incident Diabetes in African Americans: The Jackson Heart Study**  
**Jane L. Harman**, Natl Heart, Lung, and Blood Inst, Bethesda, MD; Haiying Chen, Wake Forest Univ, Winston-Salem, NC; Michael C. Sachs, Natl Cancer Inst, Bethesda, MD; Kristin G. Hairston, Wake Forest Univ, Winston-Salem, NC; Sherita H. Golden, Joshua J. Joseph, Johns Hopkins Univ, Baltimore, MD; Alain G. Bertoni, Wake Forest Univ, Winston-Salem, NC
- P332 Impact of Empagliflozin on Anthropometry and Markers of Visceral Adiposity in Patients With Type 2 Diabetes: Effects by Age, Sex, And Degree of Abdominal Obesity**  
**Ian J. Neeland**, Darren K. McGuire, UT Southwestern Medical Ctr, Dallas, TX; Robert Chilton, UT Health Sciences Ctr, San Antonio, TX; Susanne Crowe, Soeren S. Lund, Hans-Juergen Woerle, Uli C. Broedl, Boehringer-Ingelheim, Ingelheim, Germany; Odd Erik Johansen, Boehringer-Ingelheim, Asker, Norway
- P158 Lower Extremity Peripheral Artery Disease and Quality of Life among Older Individuals in the Community: The Atherosclerosis Risk in Communities (ARIC) Study**  
**Aozhou Wu**, Josef Coresh, Elizabeth Selvin, Johns Hopkins Univ, Baltimore, MD; Hirofumi Tanaka, Univ of Texas at Austin, Austin, TX; Gerardo Heiss, Univ of North Carolina, Chapel Hill, NC; Alan T. Hirsch, Univ of Minnesota, Minneapolis, MN; Bernard Jaar, Kunihiro Matsushita, Johns Hopkins Univ, Baltimore, MD
- P159 Repeatability of Automated Determinations of the Ankle Brachial Index The Atherosclerosis Risk in Communities (ARIC) Study**  
**Ada Al-Qunaibet**, KSAU-HS, Riyadh, Saudi Arabia and Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Michelle L. Snyder, David Couper, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Hirofumi Tanaka, Univ of Texas at Austin, Austin, TX; Susan Cheng, Harvard Medical Sch, Boston, MA; Kunihiro Matsushita, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Aaron R. Folsom, Univ of Minnesota, Minneapolis, MN; Gerardo Heiss, Univ of North Carolina at Chapel Hill, Chapel Hill, NC
- P160 Ankle-Brachial Index and Fracture Hospitalization in Middle-Aged Adults: The Atherosclerosis Risk in Communities (ARIC) Study**  
**Shoshana Balleg**, Yingying Sang, Andrea L. Schneider, Morgan Grams, Johns Hopkins Univ, Baltimore, MD; Laura R. Loehr, Univ of North Carolina, Chapel Hill, NC; Hirofumi Tanaka, Univ of Texas at Austin, Austin, TX; Gerardo Heiss, Univ of North Carolina, Chapel Hill, NC; Elizabeth Selvin, Josef Coresh, Kunihiro Matsushita, Johns Hopkins Univ, Baltimore, MD
- P161 Peripheral Arterial Disease in Hispanic Communities: Results from the Hispanic Community Health Study/Study of Latinos**  
**Matthew A. Allison**, Univ of California San Diego, La Jolla, CA; Franklyn Gonzales, Univ of North Carolina, Chapel Hill, NC; Leopoldo Raji, Univ of Miami, Miami, FL; Robert Kaplan, Robert Ostfeld, Einstein Coll of Med, Bronx, NY; Maria Pattany, Univ of Miami, Miami, FL; Gerardo Heiss, Univ of North Carolina, Chapel Hill, NC; Michael Criqui, Univ of California San Diego, La Jolla, CA
- P162 The Baseline Ankle Brachial Index (ABI), but Not Change in the ABI, is Associated With 11-Year Change in the SF-36: The San Diego Population Study (SDPS)**  
**Christina L. Wassel**, Univ of Pittsburgh, Pittsburgh, PA; Matthew A Allison, Joachim H. Ix, Julie O Denenberg, Dena E Rifkin, Michael H. Criqui, Univ of California, San Diego, La Jolla, CA
- P163 Healthful Dietary Patterns and the Risk of Hypertension Among Women With a History of Gestational Diabetes**  
**Shanshan Li**, Wei Bao, NIH, Rockville, MD; Deirdre K. Tobias, Brigham and Women's Hosp and Harvard Medical Sch, Boston, MA; Yeyi Zhu, NIH, Rockville, MD; Jorge E. Chavarro, Harvard Sch of Public Health, Boston, MA; John P Forman, Brigham and Women's Hosp and Harvard Medical Sch, Boston, MA; Frank B. Hu, Harvard Sch of Public Health, Boston, MA; Cuijin Zhang, NIH, Rockville, MD
- P164 Blood Pressure During Pregnancy and Risk of Hypertension Later in Life: A Longitudinal Study of POUCHMoms**  
**Galit Levi Dunietz**, Kelly L. Strutz, Claudia B. Holzman, Yan Tian, David Todem, Bertha L. Bullen, Michigan State Univ, East Lansing, MI; Janet M. Catov, Univ of Pittsburgh, Pittsburgh, PA
- P165 Effects of Lactation on Postpartum Blood Pressure among Women with Gestational Hypertension and Preeclampsia**  
**Malamo Countouris**, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Eleanor Bimla Schwarz, Univ of California Davis, Sacramento, CA; Brianna Rossiter, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Andrew Althouse, Magee Womens Res Inst, Pittsburgh, PA; Janet Catov, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA
- P166 Pregnancy Characteristics and Subclinical Arterial Disease in the Adult Offspring**  
**Inbal Boger-Megiddo**, Univ of Washington, Seattle, WA; Yechiel Friedlander, The Hebrew Univ of Jerusalem, Jerusalem, Israel; Barbara McKnight, Stephen M. Schartz, Univ of Washington, Seattle, WA; Michelle Williams, Harvard Univ, Boston, MA; David S. Siscovick, The New York Acad of Med, New York, NY

# Poster Presentations (continued)

**P167 Adult Stature Components and Systolic Blood Pressure in a Middle Income Country. Evidence from ELSA-Brasil**

Santiago Rodríguez López, Univ Autonoma Madri, Madri, Spain; Isabela M. Bensenor, Univ of Sao Paulo, Sao Paulo, Brazil; M. Carmen Molina, Federal University Espirito Santo, Vitoria, Brazil; **Paulo A. Lotufo**, Univ of Sao Paulo, Sao Paulo, Brazil

**P168 The Relationship of Urinary Sodium and Potassium Excretion with Left Ventricular Structure and Function in Patients with Chronic Kidney Disease: Prospective Analyses from the Chronic Renal Insufficiency Cohort Study**

**Katherine T. Mills**, Jing Chen, Tulane Univ, New Orleans, LA; Wei Yang, Univ of Pennsylvania, Philadelphia, PA; Lawrence J. Appel, Johns Hopkins Univ, Baltimore, MD; John Kusek, Natl Inst of Diabetes and Digestive and Kidney Diseases, NIH, Bethesda, MD; Arnold B. Alper, Patrice Delafontaine, Tulane Univ, New Orleans, LA; Martin G. Keane, Temple Univ, Philadelphia, PA; Emile R. Mohler 3rd, Univ of Pennsylvania, Philadelphia, PA; Akinlolu O. Ojo, Univ of Michigan, Ann Arbor, MI; Mahboob Rahman, Case Western Reserve Univ, Cleveland, OH; Ana C. Ricardo, Univ of Illinois at Chicago, Chicago, IL; Elsayed Z. Soliman, Wake Forest Univ, Winston-Salem, NC; Susan P. Steigerwalt, St. John Hosp and Medical Ctr, Detroit, MI; Raymond R. Townsend, Univ of Pennsylvania, Philadelphia, PA; Jiang He, Tulane Univ, New Orleans, LA

**P169 Association of Kidney Function and Risk of Hospitalized Bone Fracture**

**Natalie R. Daya**, Annie Voskertchian, Andrea L. Schneider, Shoshana Ballew, Mara McAdams DeMarco, Josef Coresh, Lawrence Appel, Elizabeth Selvin, Morgan E. Grams, Johns Hopkins Univ, Baltimore, MD

**P170 The Association of Serum Potassium with Mortality in Older Community-Dwelling Individuals: The Cardiovascular Health Study (CHS)**

**Jan M. Hughes-Austin**, Dena E. Rifkin, Univ of California, San Diego, La Jolla, CA; Ronit Katz, Univ of Washington, Seattle, WA; Mark J. Sarnak, Tufts Univ, Boston, MA; Rajat Deo, Univ of Pennsylvania, Philadelphia, PA; David S. Siscovick, New York Acad of Med, New York, NY; Nona Sotoodehnia, Bruce M. Psaty, Ian H. De Boer, Bryan R. Kestenbaum, Univ of Washington, Seattle, WA; Michael G. Shlipak, Univ of California, San Francisco, San Francisco, CA; Joachim H Ix, Univ of California, San Diego, La Jolla, CA

**P171 Hemoglobin A1c and Incident Albuminuria Among Individuals Without Diabetes: The Coronary Artery Risk Development in Young Adults (CARDIA) Study**

**April P. Carson**, Paul Muntner, Univ of Alabama at Birmingham, Birmingham, AL; Mercedes R. Carnethon, Northwestern Univ, Chicago, IL; Myron D. Gross, Univ of Minnesota, Minneapolis, MN; Cora E. Lewis, Univ of Alabama at Birmingham, Birmingham, AL

**P172 Prevalence of Reduced Estimated Glomerular Filtration and Albuminuria In Clinically Relevant Subgroups in a Representative Elderly Population in Iceland**

**Meredith C. Foster**, Aghogho Okparavero, Hocine Tighiouart, Tufts Medical Ctr, Boston, MA; Vilmundur Gudnason, Icelandic Heart Association, Kopavogur, Iceland; Olafur Indridason, Hrefna Gudmundsdottir, Landspítali Univ Hosp, Reykjavík, Iceland; Gudny Eiríksdóttir, Icelandic Heart Association, Kopavogur, Iceland; Lesley A Inker, Andrew S. Levey, Tufts Medical Ctr, Boston, MA

**P173 Racial Differences in the Association Between Parity and Incident Stroke: The REasons for Geographic and Racial Differences in Stroke (REGARDS) Study**

**Catherine J. Vladutiu**, Michelle Snyder, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Angela Malek, Medical Univ of South Carolina, Charleston, SC; Alison M. Stuebe, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Aleena Mosher, Univ of Alabama at Birmingham, Birmingham, AL; Dawn Kleindorfer, Univ of Cincinnati, Cincinnati, OH; Virginia J. Howard, Univ of Alabama at Birmingham, Birmingham, AL

**P174 Effects of Immediate Blood Pressure Reduction on Death and Major Disability in Acute Ischemic Stroke Patients According to Time from Onset to Treatment**

Tan Xu, Yonghong Zhang, Soochow Univ, Suzhou, China; Yingxian Sun, China Medical Univ, Liaoning, China; Chung-Shiuan Chen, Jing Chen, **Jiang He**, Tulane Univ, New Orleans, LA; for the CATIS Investigators

**P175 Maintaining Ideal Cardiovascular Health and Freedom From Coronary Artery Calcification**

**Shih-Jen Hwang**, Framingham Heart Study, Framingham, MA; Oyere Onuma, Massachusetts General Hosp, Boston, MA; Joseph M. Massaro, Boston Univ, Boston, MA; Xiaoling Zhang, Yi-Ping Fu, Emily Manders, Caroline S. Fox, Framingham Heart Study, Framingham, MA; Udo Hoffmann, Massachusetts General Hosp, Boston, MA; Christopher J. O'Donnell, Framingham Heart Study, Framingham, MA

# Poster Presentations (continued)

**P176 The Prevalence and Correlates of Advanced Atherosclerosis Among Those With Optimal Low-Density Lipoprotein Cholesterol Levels: The Multi-Ethnic Study of Atherosclerosis (MESA)**

**Mahmoud S. Al Rifai**, Johns Hopkins, Baltimore, MD; Ron Blankstein, Brigham and Women's Hosp, Boston, MA; Seth S. Martin, John W. McEvoy, Michael J. Blaha, Roger Blumenthal, Pamela Ouyang, Johns Hopkins, Baltimore, MD; Khurram Nasir, Baptist Health South Florida, Miami, FL; Joseph Yeboah, Wake Forest Baptist Health, Winston-Salem, NC; Steven J. Shea, Columbia Univ, New York, NY; Joseph F. Polak, Tufts Medical Ctr, Boston, MA; Michael Miedema, Minneapolis Heart Inst Fndn, Minneapolis, MN

**P177 Associations Between Complement Proteins and Arterial Calcification in Midlife Women: Role of Cardiovascular Fat, The Study of Women's Health Across the Nation (SWAN)**

**Nayana Nagaraj**, Karen A. Matthews, Univ of Pittsburgh, Pittsburgh, PA; Kelly J. Shields, Allegheny general hospital, Pittsburgh, PA; Emma Barinas-Mitchel, Univ of Pittsburgh, Pittsburgh, PA; Matthew Budoff, Los Angeles biomedical research institute, Los Angeles, PA; Samar R. El Khoudary, Univ of Pittsburgh, Pittsburgh, PA

**P178 Association of Plasminogen Activator Inhibitor-1 with Prevalence and Progression of Subclinical Atherosclerosis: The Multi-Ethnic Study of Atherosclerosis (MESA)**

**Sadiya Khan**, Douglas E. Vaughan, Cheeling Chan, Kiang Liu, Northwestern Univ Feinberg Sch of Med, Chicago, IL; Mary Cushman, Univ of Vermont Coll of Med, Colchester, VT; Donald Lloyd-Jones, Northwestern Univ Feinberg Sch of Med, Chicago, IL

**P179 Associations of Early and Contemporary Cardiovascular Risk Factors With Coronary Artery Calcification**

**Eliseo Guallar**, Di Zhao, Depts of Epidemiology and Med, and Welch Ctr for Prevention, Epidemiology, and Clinical Res, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD; Roberto Pastor-Barriuso, Natl Ctr for Epidemiology, Carlos III Inst of Health and Consortium for Biomedical Res in Epidemiology and Public Health (CIBERESP), Madrid, Spain; Sanjay Rampal, Dept of Social and Preventive Med, Julius Ctr Univ of Malaya, Faculty of Med, Univ of Malaya, Kuala Lumpur, Malaysia; Yoosoo Chang, Seungcho Ryu, Yuni Choi, Ctr for Cohort Studies, Total Healthcare Screening Ctr, Kangbuk Samsung Hosp, Sungkyunkwan Univ, Sch of Med, Seoul, Korea, Republic of; Joao Lima, Div of Cardiology, Johns Hopkins Univ Sch of Med, Baltimore, MD; So Yeon Lim, Miguel Cainzos Achirica, Depts of Epidemiology and Med, and Welch Ctr for Prevention, Epidemiology, and

Clinical Res, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD; Hocheol Shin, Dept of Family Med, Kangbuk Samsung Hosp and Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; Juhee Cho, Ctr for Cohort Studies, Total Healthcare Screening Ctr, Kangbuk Samsung Hosp, Sungkyunkwan Univ, Sch of Med, Seoul, Korea, Republic of; Yiyi Zhang, Depts of Epidemiology and Med, and Welch Ctr for Prevention, Epidemiology, and Clinical Res, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD

**P180 Ten-Year and Lifetime Cardiovascular Risk and Subclinical Cardiovascular Disease in Mexican Women**

**Andrea Luviano**, Eduardo Ortiz-Panoso, Elsa Yunes, Insto Nacional de Salud Pública, Mexico City, Mexico; Carlos Cantu-Brito, Fernando Flores, Insto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán, Mexico City, Mexico; Andrés Catzin-Kuhlmann, Martín Lajous, Ruy Lopez-Ridaura, Insto Nacional de Salud Pública, Mexico City, Mexico

**P181 Lung Function and Arterial Stiffness in Apparently Healthy Men and Women: The Kangbuk Samsung Health Study**

**So Yeon Lim**, Depts of Epidemiology and Med, and Welch Ctr for Prevention, Epidemiology, and Clinical Res, Johns Hopkins Univ Bloomberg Sch of Public Health., Baltimore, MD; João A. C. Lima, Div of Cardiology, Johns Hopkins Univ Sch of Med, Baltimore, MD; Di Zhao, Depts of Epidemiology and Med, and Welch Ctr for Prevention, Epidemiology, and Clinical Res, Johns Hopkins Univ Bloomberg Sch of Public Health., Baltimore, MD; Sanjay Rampal, Depts of Epidemiology and Med, and Welch Ctr for Prevention, Epidemiology, and Clinical Res, Johns Hopkins Univ Bloomberg Sch of Public Health. Baltimore, Maryland, USA., Dept of Social and Preventive Med, Kuala Lumpur, Malaysia; Yiyi Zhang, Depts of Epidemiology and Med, and Welch Ctr for Prevention, Epidemiology, and Clinical Res, Johns Hopkins Univ Bloomberg Sch of Public Health., Baltimore, MD; Juhee Cho, Johns Hopkins Univ Bloomberg Sch of Public Health. USA., Kangbuk Samsung Hosp, Sungkyunkwan Univ. South Korea., Samsung Advanced Inst for Health Sciences and Technology, Sungkyunkwan Univ., Seoul, Korea, Republic of; Roberto Pastor-Barriuso, Natl Ctr for Epidemiology, Carlos III Inst of Health and Consortium for Biomedical Res in Epidemiology and Public Health (CIBERESP)., Madrid, Spain; Miguel Cainzos-Achirica, Depts of Epidemiology and Med, and Welch Ctr for Prevention, Epidemiology, and Clinical Res, Johns Hopkins Univ Bloomberg Sch of Public Health., Baltimore, MD; Salvador Bello, Dept of Respiratory Diseases, Hosp Univrio Miguel Servet., Zaragoza, Spain; Yuni Choi, Ctr for Cohort Studies, Total Healthcare Ctr, Kangbuk Samsung

# Poster Presentations (continued)

Hosp, Sungkyunkwan Univ Sch of Med., Seoul, Korea, Republic of; Yoosoo Chang, Seungho Ryu, Ctr for Cohort Studies, Total Healthcare Ctr, Kangbuk Samsung Hosp, Sungkyunkwan Univ Sch of Med., Dept of Occupational and Environmental Med, Kangbuk Samsung Hosp, Sungkyunkwan Univ Sch of Med., Seoul, Korea, Republic of; Hocheol Shin, Ctr for Cohort Studies, Total Healthcare Ctr, Kangbuk Samsung Hosp, Sungk

**P182 Aortic Arch Pulse Wave Velocity Assessed by MRI as a Predictor of All-Cause Mortality and Incident Cardiovascular Events: The Multi-Ethnic Study of Atherosclerosis (MESA)**

**Yoshiaki Ohyama**, Bharath Ambale-Venkatesh, Chikara Noda, Jang Young Kim, Atul Chugh, Gisela Teixeira Tura, Johns Hopkins Univ, Baltimore, MD; Chia-Ying Liu, Natl Inst of Health Clinical Ctr, Bethesda, MD; Alban Redheuil, Inst de Cardiologie, Groupe Hospier Pitié Salpêtrière, Paris, France; Colin Wu, Natl Heart, Lung and Blood Inst, Bethesda, MD; Gregory Hundley, Wake Forest Sch of Med, Winston-Salem, NC; David Bluemke, Natl Insts of Health Clinical Ctr, Bethesda, MD; Eliseo Guallar, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Joao Lima, Johns Hopkins Univ, Baltimore, MD

**P183 Repeatability of Pulse Wave Velocity: The Atherosclerosis Risk in Communities (ARIC) Study**

**Michelle Snyder**, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Hirofumi Tanaka, Univ of Texas at Austin, Austin, TX; Priya Palta, Mehul Patel, Ricky Camplain, David Couper, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Susan Cheng, Harvard Medical Sch, Boston, MA; Ada Al Qunaibet, Anna Poon, Gerardo Heiss, Univ of North Carolina at Chapel Hill, Chapel Hill, NC

**P184 Pulse Wave Velocity is Associated With Coronary Calcification and Improves its Prediction in Young And Middle-Aged Asymptomatic Adults: The Kangbuk Samsung Health Study**

**Miguel Cainzos-Achirica**, Welch Ctr for Prevention, Epidemiology and Clinical Res, Johns Hopkins Univ, Baltimore, MD; Sanjay Rampal, Dept of Social and Preventive Med, Julius Ctr Univ of Malaya, Faculty of Med, Univ of Malaya, Kuala Lumpur, Malaysia; Yoosoo Chang, Seungho Ryu, Ctr for Cohort Studies, Total Healthcare Screening Ctr, Kangbuk Samsung Hosp, Sungkyunkwan Univ, Sch of Med, Seoul, Korea, Republic of; Yiyi Zhang, Di Zhao, Welch Ctr for Prevention, Epidemiology and Clinical Res, Johns Hopkins Univ, Baltimore, MD; Juhee Cho, Yuni Choi, Ctr for Cohort Studies, Total Healthcare Screening Ctr, Kangbuk Samsung Hosp, Sungkyunkwan Univ, Sch of Med, Seoul, Korea, Republic of; Roberto Pastor-Barriuso, Natl Ctr for Epidemiology, Insto de Salud Carlos III, Madrid, Spain; So Yeon Lim, Welch Ctr for Prevention, Epidemiology and Clinical

Res, Johns Hopkins Univ, Baltimore, MD; Joao Lima, Div of Cardiology, Johns Hopkins Univ Sch of Med, Baltimore, MD; Hocheol Shin, Ctr for Cohort Studies, Total Healthcare Screening Ctr, Kangbuk Samsung Hosp, Sungkyunkwan Univ, Sch of Med, Seoul, Korea, Republic of; Eliseo Guallar, Welch Ctr for Prevention, Epidemiology and Clinical Res, Johns Hopkins Univ, Baltimore, MD

**P185 A Differential Prospective Association Between Serum Carotenoids and Tocopherols Occurs with Coronary Artery Calcification**

**Myron D. Gross**, Univ of Minnesota, Minneapolis, MN; Atsushi Hozawa, Tohoku Univ, Sendai, Japan; Andrew Odegaard, Univ of Minnesota, Minneapolis, MN; John J. Carr, Vanderbilt Univ, Nashville, TN; Otto Sanchez, Univ of Minnesota, Minneapolis, MN; Jose R. Suarez, Univ of California San Diego, San Diego, CA; David R. Jacobs Jr, Univ of Minnesota, Minneapolis, MN

**P186 Quality of Total Heart Adipose Tissue May Contribute to the Presence and Extent of Coronary Artery Calcification in Women at Midlife: The Study of Women's Health Across the Nation**

**Carrie L. Hanley**, Univ of Pittsburgh, Graduate Sch of Public Health, Pittsburgh, PA; Karen Matthews, Univ of Pittsburgh, Sch of Med, Pittsburgh, PA; Maria M. Brooks, Univ of Pittsburgh, Graduate Sch of Public Health, Pittsburgh, PA; Imke Janssen, Rush Univ Medical Ctr, Dept of Preventive Med, Chicago, IL; Matthew J. Budoff, Los Angeles Biomedical Res Inst, Torrance, CA; Akira Sekikawa, Univ of Pittsburgh, Graduate Sch of Public Health, Pittsburgh, PA; Suresh Mulukutla, Univ of Pittsburgh, Sch of Med, Pittsburgh, PA; Samar R. El Khoudary, Univ of Pittsburgh, Graduate Sch of Public Health, Pittsburgh, PA

**P187 Aortic Arch Width is Associated with Increasing Age and Cardiovascular Disease Risk Factors: The Framingham Heart Study**

**Saadia Qazi**, Phillimon Gona, Rebecca M. Musgrave, Caroline S. Fox, The NHLBI's Framingham Heart Study, Framingham, MA; Joseph M. Massaro, Boston Univ, Boston, MA; Udo Hoffmann, Massachusetts General Hosp, Boston, MA; Michael L. Chuang, Christopher J. O'Donnell, The NHLBI's Framingham Heart Study, Framingham, MA

**P188 "False Positive" Stress Testing: Does Endothelial Vascular Dysfunction Explain ST-Segment Depression in the Absence of Clinical Coronary Artery Disease in Women?**

**Shilpa Agrawal**, UCLA David Geffen Sch of Med, Los Angeles, CA; Puja Mehta, Cedars Sinai Medical Ctr, Los Angeles, CA; Tara Sedlak, Univ of British Columbia, Vancouver, BC, Canada; Zachary Hobel, Chrisandra Shufelt, Erika Jones, Cedars Sinai Medical Ctr, Los Angeles, CA; Paul Kligfield, New York-Presbyterian/Weill Cornell, New York, NY; David Mortara, UCSF Sch of Nursing, San



# Poster Presentations (continued)

- Francisco, CA; Michael Laks, UCLA David Geffen Sch of Med, Los Angeles, CA; Noel Bairey Merz, Cedars Sinai Medical Ctr, Los Angeles, CA
- P189 Cardiovascular Risk Factors in Adolescence and Young Adulthood Predict Carotid Intima-Media Thickness in Early and Middle Adult Life**  
**Amber L. Fyfe-Johnson**, Julia Steinberger, Alan R. Sinaiko, Alvaro Alonso, Donald R. Dengel, David R. Jacobs, Univ of Minnesota, Minneapolis, MN
- P190 The Associations of Brachial Artery Shear Rate and Endothelial Dysfunction with Age Related Carotid Distensibility**  
**Dhananjay Vaidya**, Johns Hopkins Univ, Baltimore, MD; Yan Zhang, Sun Yat-sen Univ, Guangzhou, China; Brian G. Kral, Lisa R. Yanek, Lewis C. Becker, Diane M. Becker, Johns Hopkins Univ, Baltimore, MD
- P191 Carotid Intima-Media Thickness is Associated with Systolic Blood Pressure, Body-Mass Index and LDL Cholesterol in Low-Risk Individuals. A Cross-Sectional Analysis of the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil)**  
**Itamar S. Santos**, Márcio S. Bittencourt, Ilka R. Oliveira, Angelita G. Souza, Danilo P. Meireles, Univ of Sao Paulo, São Paulo, Brazil; Tatjana Rundek, Univ of Miami, Miami, FL; Murilo Foppa, Federal Univ of Rio Grande do Sul, Porto Alegre, Brazil; Daniel C. Bezerra, Oswaldo Cruz Fndn, Rio de Janeiro, Brazil; Leonard H. Roelke, Federal Univ of Espirito Santo, Vitória, Brazil; Isabela M. Benseñor, Paulo A. Lotufo, Univ of Sao Paulo, São Paulo, Brazil
- P192 Chronic Kidney Disease and the Risk of Venous Thromboembolism in the REasons for Geographic and Racial Differences in Stroke (REGARDS) Study**  
**Katharine L. Cheung**, Neil A. Zakai, Peter Callas, Univ of Vermont, Burlington, VT; Aaron R. Folsom, Univ of Minnesota, Minneapolis, MN; Carmen A. Peralta, Univ of California San Francisco, San Francisco, CA; Suzanne E Judd, Univ of Alabama, Birmingham, AL; Manjula Kurella Tamura, Stanford Univ Sch of Med and VA Palo Alto Health Care System, Geriatrics Res Education and Clinical Ctr, Palo Alto, CA; Mary Cushman, Univ of Vermont, Burlington, VT
- P193 Infection Type and Severity are Risk Factors for Hospital-Acquired Venous Thromboembolism in Medical Inpatients**  
**Samuel Merrill**, Michael Desarno, Damon Houghton, Christopher Huston, Peter Callas, Allen Repp, Mary Cushman, Neil Zakai, Univ of Vermont, Burlington, VT
- P194 Long-Term Impact of a Community Health Worker Intervention on Diabetes Control in American Samoa**  
**Mayuree Rao**, Judith D. DePue, The Warren Alpert Medical Sch of Brown Univ, Providence, RI; Shira Dunsiger, Ctrs for Behavioral and Preventive Med, The Miriam Hosp, Providence, RI; Mohammad Elsayed, The Warren Alpert Medical Sch of Brown Univ, Providence, RI; Ofeira Nu'usolia, Tafuna Clinic, American Samoa Community Health Ctrs, Dept of Health, Tafuna, American Samoa; Stephen T. McGarvey, Intl Health Inst & Dept of Epidemiology, Brown Univ Sch of Public Health, Providence, RI
- P195 Hypertension is Associated With an Abnormal Pressor Response to Voluntary Apnea**  
**Noah Jouett**, Ryan Mason, Dorene Niv, Univ of North Texas Health Science Ctr, Fort Worth, TX; Donald E. Watenpaugh, Sleep Consultants of Texas, Fort Worth, TX; Michael L. Smith, Univ of North Texas Health Science Ctr, Fort Worth, TX
- P196 Bidirectional Association Between Hypertension and Gout: The Singapore Chinese Health Study**  
**An Pan**, Natl Univ of Singapore, Singapore, Singapore; Gim Gee Teng, Natl Univ Health System, Singapore, Singapore; Jian-Min Yuan, Univ of Pittsburgh Cancer Inst, Pittsburgh, PA; Woon-Puay Koh, Duke-NUS Graduate Medical Sch Singapore, Singapore, Singapore
- P197 Methods to Account for Antihypertensive Drugs for Estimating Underlying Blood Pressure: The Atherosclerosis Risk in Communities (ARIC) Study**  
**Poojitha Balakrishnan**, Elizabeth Colantuoni, Johns Hopkins Sch of Public Health, Baltimore, MD; J. Hunter Young, Johns Hopkins Sch of Med, Baltimore, MD; Terri Beaty, Kunihiro Matsushita, Johns Hopkins Sch of Public Health, Baltimore, MD
- P198 Clinic versus Out-of-Clinic Daytime Blood Pressure Among Older Adults: Data From the Jackson Heart Study**  
**Rikki M. Tanner**, Univ of Alabama at Birmingham, Birmingham, AL; Daichi Shimbo, Columbia Univ Medical Ctr, New York, NY; Samantha Seals, Univ of Mississippi Medical Ctr, Jackson, MS; Gbenga Ogedegbe, New York Univ Sch of Med, New York, NY; Paul Muntner, Univ of Alabama at Birmingham, Birmingham, AL
- P199 Low Diastolic Blood Pressure and Risk of Stroke in the Setting of Intensive Systolic Blood Pressure Control: The SPS3 Study**  
**Michelle C. Odden**, Oregon State Univ, Corvallis, OR; Carmen Peralta, Univ of California, San Francisco, San Francisco, CA; Leslie McClure, Univ of Alabama, Birmingham, AL; Carole White, Univ of Texas Health Sciences Ctr, San Antonio, TX; Pablo Pergola, Renal Associates PA, San Antonio, TX; Oscar Benevente, Univ of British Columbia, Vancouver, BC, Canada; B. Peter Sawaya, Univ of Kentucky, Lexington, KY



# Poster Presentations (continued)

- P200 HEALS Behavioral Lifestyle Intervention Through African American Church for Hypertension Control: A Pilot Study**  
**Sunita Dodani**, Sahel Arora, Univ of Florida, Jacksonville, FL; Claudia Sealey-Potts, Univ of North Florida, Jacksonville, FL; Dale Kraemer, Petra Aldridge, Univ of Florida, Jacksonville, FL; Catherine Christy, Univ of North Florida, Jacksonville, FL
- P201 Rural/Urban Differences in the Prevalence of Stroke Risk Factors**  
**Erica L. Dawson**, Univ Alabama Birmingham, Birmingham, AL; John Higginbotham, Univ Alabama, Tuscaloosa, AL; Dawn O. Kleindorfer, Univ of Cincinnati, Cincinnati, OH; Elsayed Z. Soliman, Wake Forest Univ, Winston-Salem, NC; Mary Cushman, Univ of Vermont, Burlington, VT; Monika M. Safford, Virginia J. Howard, Univ Alabama Birmingham, Birmingham, AL; Brett M. Kissela, Univ of Cincinnati, Cincinnati, OH; Suzanne E. Judd, George Howard, Univ Alabama Birmingham, Birmingham, AL
- P202 Association of Masked Hypertension and Prehypertension with Subclinical Cardiovascular Disease in the Jackson Heart Study**  
**Nicole Redmond**, John N. Booth III, Rikki M. Tanner, Univ of Alabama at Birmingham, Birmingham, AL; Keith M. Diaz, Marwah Abdalla, Columbia Univ, New York, NY; Mario Sims, Univ of Mississippi Medical Ctr, Jackson, MS; Paul M. Muntner, Univ of Alabama at Birmingham, Birmingham, AL; Daichi Shimbo, Columbia Univ, New York, NY
- P203 Protective Factors Against Hypertension Progression Among Non-Hypertensive African Americans: The Jackson Heart Study**  
**Matthew D. Ritchey**, Jason Baumgardner, Fleetwood Loustalot, Giuseppina Imperatore, Ctrs for Disease Control and Prevention, Atlanta, GA; Adolfo Correa, Jackson Heart Study, Jackson, MS
- P204 Joint Association Between Birth Weight At Term And Later Life Adherence To A Healthy Lifestyle With Risk Of Hypertension**  
**Yanping Li**, Harvard Sch of Public Health, Brookline, MA; Sylvia H. Ley, Tyler J. VanderWeele, Harvard Sch of Public Health, Boston, MA; Gary C. Curhan, Janet W. Rich-Edwards, Harvard Medical Sch, Boston, MA; Willett C. Walter, Harvard Sch of Public Health, Boston, MA; John P. Forman, Harvard Medical Sch, Boston, MA; Frank B. Hu, Lu Qi, Harvard Sch of Public Health, Boston, MA
- P205 Potential Impact of the 2014 High Blood Pressure Guideline on Adults in China and the US**  
**Qi Zhao**, Tulane Univ, New Orleans, LA; Wenying Yang, China-Japan Friendship Hosp, Beijing, China; Lydia A. Bazzano, Paul K. Whelton, Chung-Shiuan Chen, Tulane Univ, New Orleans, LA; Jianzhong Xiao, China-Japan Friendship Hosp, Beijing, China; Jiang He, Tulane Univ, New Orleans, LA
- P206 Ambulatory Blood Pressure Monitoring Phenotypes Among Individuals With and Without Diabetes: The Jackson Heart Study**  
**Samantha G. Bromfield**, Univ of Alabama at Birmingham, Birmingham, AL; Daichi Shimbo, Columbia Univ, New York, NY; Alain Bertoni, Wake Forest Baptist Medical Inst, Winston-Salem, NC; Mario Sims, Univ of Mississippi Medical Ctr, Jackson, MS; April P. Carson, Paul Muntner, Univ of Alabama at Birmingham, Birmingham, AL
- P207 Incidence of Hypertension in Colombia Similar to That Observed Decades Ago in Developed Countries: An Observation From the Chicamocha Cohort Study**  
**Juan C. Villar**, Luz X. Martínez, Yeny Z. Castellanos, Skarlet M. Vásquez, Víctor M. Herrera, Univ Autónoma de Bucaramanga, Floridablanca, Colombia
- P208 Comparison of Hypertension and Treatment Prevalence Across Geographic Regions in Three National Surveys**  
**Angela M. Thompson-Paul**, Jason L. Baumgardner, Cathleen Gillespie, Jing Fang, Fleetwood Loustalot, Ctrs for Disease Control and Prevention, Chamblee, GA
- P209 Proportion of Brazilian Adults Potentially Affected by the 2014 Hypertension Guideline ("2014 BP guideline"). Results from ELISA-Brasil**  
**Paulo A. Lotufo**, Univ of Sao Paulo, Sao Paulo, Brazil; Paulo R. Vasconcelos, Oswaldo Cruz Fndn, Rio de Janeiro, Brazil; Marcio S. Bittencourt, Univ of Sao Paulo, Sao Paulo, Brazil; Dora Chor, Oswaldo Cruz Fndn, Rio de Janeiro, Brazil; Isabela M. Bensenor, Univ of Sao Paulo, Sao Paulo, Brazil
- P210 Lipoprotein Profiles in Patients With and Without Psoriasis**  
**Paulo A. Lotufo**, Univ of Sao Paulo, Sao Paulo, Brazil; Steven Jones, Michael Blaha, Johns Hopkins Univ, Baltimore, MD; Cid Sabbag, Raul Dias-Santos, Univ of Sao Paulo, Sao Paulo, Brazil; Peter P. Toth, Univ of Illinois, Chicago, IL; Isabela M. Bensenor, Univ of Sao Paulo, Sao Paulo, Brazil
- P211 Age-Related Trajectories of Lipids and Lipoproteins: The Impact of Cardiorespiratory Fitness**  
**Yong-Moon Park**, Xuemei Sui, Junxiu Liu, Arnold Sch of Public Health, Univ of South Carolina, Columbia, SC; Haiming Zhou, Sch of Art and Science, Univ of South Carolina, Columbia, SC; Peter F Kokkinos, Veterans Affairs Medical Ctr, Washington, DC; Carl J. Lavie, John Ochsner Heart and Vascular Inst, Ochsner Clinical Sch, Univ of Queensland Sch of Med, New Orleans, LA; Steven N. Blair, Arnold Sch of Public Health, Univ of South Carolina, Columbia, SC

## Poster Presentations (continued)

- P212 Reduced High-Density Lipoprotein Efflux in Psoriasis Relates to Increased Coronary Plaque Burden by Quantitative CT Angiography**  
**Taufiq Salahuddin**, Balaji Natarajan, Mariana Selwaness, Ahmed Sadek, Martin Playford, Julia Doveikis, David Bluemke, Nehal N. Mehta, Natl Heart, Lung and Blood Inst, Bethesda, MD
- P213 Regular Exercise Improves the Lipoprotein Subclass Profile: Meta-Analysis of 10 Exercise Training Intervention Groups**  
**Mark A. Sarzynski**, Tuomo Rankinen, Jeffrey Burton, Timothy S. Church, Pennington Biomedical Res Ctr, Baton Rouge, LA; Jean-Pierre Després, Ctr de Recherche de l'Inst Univire de Cardiologie et de Pneumologie de Québec, Québec City, QC, Canada; James M. Hagberg, Univ of Maryland, College Park, MD; Arthur S. Leon, Univ of Minnesota, Minneapolis, MN; Catherine R. Mikus, Duke Univ Sch of Med, Durham, NC; Dabeeru C. Rao, Washington Univ Sch of Med, St. Louis, MO; Richard L. Seip, Hartford Hosp, Hartford, CT; James S. Skinner, Indiana Univ, Bloomington, IN; Cris A. Slentz, Duke Univ Sch of Med, Durham, NC; Paul D. Thompson, Hartford Hosp, Hartford, CT; Kenneth R. Wilund, Univ of Illinois, Urbana-Champaign, IL; William E. Kraus, Duke Univ Sch of Med, Durham, NC; Claude Bouchard, Pennington Biomedical Res Ctr, Baton Rouge, LA
- P214 Patient and Physician Factors Influence Decision-Making in Hypercholesterolemia**  
 Michel Krempf, Hôpital Laënnec, Nantes, France; **Ross J. Simpson Jr.**, Univ of North Carolina, Chapel Hill, NC; Dena R. Ramey, Merck & Co, Inc, Whitehouse Station, NJ; Philippe Brudi, Merck & Co, Whitehouse Station, NJ; Hilde Giezek, MSD Inc, Brussels, Belgium; Raymond Lee, Merck & Co, Inc, Whitehouse Station, NJ; Michel Farnier, Point Medical, Dijon, France
- P215 Associations of Yerba Mate Tea Drinking With Blood Lipids, Apolipoproteins, and C-Reactive Protein Among South American Adults**  
**Natalia Elorriaga**, Rosana Poggio, Laura Gutierrez, Vilma E. Irazola, Maria D. Defago, Gabriela Cormick, IECS, Ciudad Autónoma de Buenos Aires, Argentina; Goodarz Danaei, Harvard Sch of Public Health, Boston, MA; Dariush Mozaffarian, Tuft Univ, Boston, MA; Adolfo L. Rubinstein, IECS, Ciudad Autónoma de Buenos Aires, Argentina
- P216 The Association Between Reduction in Inflammation and Changes in Lipoprotein Levels and HDL Cholesterol Efflux Capacity in Rheumatoid Arthritis**  
**Katherine Liao**, Brigham and Women's Hosp, Boston, MA; Martin Playford, NIH/NHLBI, Bethesda, MD; Michelle Frits, Jonathan Coblyn, Christine Iannaccone, Michael Weinblatt, Nancy Shadick, Brigham and Women's Hosp, Boston, MA; Nehal Mehta, NIH/NHLBI, Bethesda, MD
- P217 Reduced Lipoprotein-Associated Phospholipase A2 Activity Levels are Linked to Apolipoprotein C3 Loss-of-Function Mutations: The Atherosclerosis Risk in Communities Study**  
**Yashashwi Pokharel**, Wensheng Sun, Baylor Coll of Med, Houston, TX; Linda Polfus, The Univ of Texas Health Science Ctr at Houston, Houston, TX; Aaron Folsom, Univ of Minnesota, Minneapolis, MN; Gerardo Heiss, The Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Richey Sharrett, Johns Hopkins Univ, Baltimore, MD; Christie Ballantyne, Ron Hoogeveen, Baylor Coll of Med, Houston, TX
- P218 Extremely Elevated HDL-Cholesterol Levels Are Independently Associated With Lower Carotid Intima-Media Thickness: Data From the ELSA-Brasil**  
**Antonio G. Laurinavicius**, Insto do Coração da Faculdade de Medicina da Univ de São Paulo, São Paulo, Brazil; Itamar S. Santos, Hosp Universitário da Univ de São Paulo, São Paulo, Brazil; Raul D. Santos, Insto do Coração da Faculdade de Medicina da Univ de São Paulo, São Paulo, Brazil; Isabela M. Bonsenor, Paulo A. Lotufo, Hosp Universitário da Univ de São Paulo, São Paulo, Brazil
- P219 Lesser LDL Drop on Statins Predicts Greater Glycemic Rise in Women**  
 Beatrice Alexandra Golomb, **Alexis K. Bui**, Univ of California San Diego, La Jolla, CA
- P220 Sustained Disparity in Ever Having Received a Serum Cholesterol Measurement by Educational Level among US Adults, 1999-2012**  
**Otome Kinoshita**, Takehiro Sugiyama, Tetsuro Tsujimoto, Natl Ctr for Global Health and Med, Tokyo, Japan; Martin F. Shapiro, UCLA, Los Angeles, CA; Yasuki Kobayashi, The Univ of Tokyo, Tokyo, Japan
- P221 Plasma Triglyceride/High Density Lipoprotein Cholesterol Ratio and Subclinical Cardiovascular Disease Parameters in a South Asian Population**  
**Mohan Thanikachalam**, Tufts Univ Sch of Med, Boston, MA; Jahnavi Sunderarajan, Sri Ramachandra Univ, Porur, India; Shrivanti Shankar, Heriot Watt Univ, Dubai, United Arab Emirates; Vijaykumar Harivanzan, Sadagopan Thanikachalam, Sri Ramachandra Univ, Porur, India
- P222 Sex Differences in the Association of Visceral Adiposity with Lipoprotein Subclass Analysis in Obese Adolescents**  
**Jacquelyn A. Hatch-Stein**, Andrea Kelly, The Children's Hosp of Philadelphia, Philadelphia, PA; Samuel S. Gidding, A. I. DuPont Hosp for Children, Wilmington, DE; Babette S Zemel, The Children's Hosp of Philadelphia, Philadelphia, PA; Sheela N. Magge, Children's Natl Medical Ctr, Washington, DC

# Poster Presentations (continued)

- P223 HDL Efflux Capacity, HDL Particle Number, and Carotid Artery Lipid Rich Necrotic Core Plaque: The Chicago Healthy Aging Study**  
John Wilkins, Kannan Mutharasan, Amritha T. Singh, Colby S. Thaxton, Northwestern Univ Feinberg Sch of Med, Chicago, IL; Martha Daviglus, Univ of Illinois Chicago, Chicago, IL; Donald M. Lloyd-Jones, Northwestern Univ Feinberg Sch of Med, Chicago, IL; Jarett D. Berry, Univ of Texas Southwestern Medical Ctr, Dallas, TX
- P224 The Haptoglobin (Hp) Genotype Predicts Coronary Artery Disease (CAD) During 25 Years of Follow-up in Type 1 Diabetes: Potential Pole of Impaired HDL Cholesterol Efflux Capacity**  
Tina Costacou, Univ of Pittsburgh, Pittsburgh, PA; Jay W. Heinecke, Tomas Vaisar, Univ of Washington, Seattle, WA; Trevor J. Orchard, Univ of Pittsburgh, Pittsburgh, PA
- P225 Longitudinal Association Between Body Weight Change and 6-Year Change of Serum Cholesterol Levels in Japanese Men**  
Shin-ya Nagasawa, Masaru Sakurai, Koshi Koshi Nakamura, Kanazawa Medical Univ, Uchinada, Japan; Katsuyuki Miura, Shiga Univ of Medical Science, Otsu, Japan; Yuko Morikawa, Masao Ishizaki, Kanazawa Medical Univ, Uchinada, Japan; Teruhiko Kido, Kanazawa Univ, Kanazawa, Japan; Yuchi Naruse, Toyama Univ, Toyama, Japan; Yasushi Suwazono, Kazuhiro Nogawa, Chiba Univ, Chiba, Japan; Hideaki Nakagawa, Kanazawa Medical Univ, Uchinada, Japan
- P226 Decreasing Cardiovascular Risk via Hypertriglyceridemia Treatment: The Impact of Medical Education on Physician Understanding of the Role of Omega-3 Fatty Acids**  
Amy Larkin, George Boutsalis, Michael LaCouture, Medscape Education, New York, NY
- P227 Higher HIV Viral Load in HIV Positive Patients with Hyperglycemia in Miami, Florida**  
Alicia Sneij, Adriana Campa, Emir Veledar, Sabrina S. Martinez, Yinghui Li, Marianna K. Baum, Florida Intl Univ, Miami, FL
- P228 Cardiovascular Risk Profiles and the 10-Year Risk of Atherosclerotic Cardiovascular Disease in HIV Infected Adult African American Females Using ACC/AHA 2013 Pooled Cohort Risk Equation (Findings from a Minority Healthcare University Institute in Washington DC USA)**  
Mohamed Jalloh, Tammie Blair, Kwame Tuffuor, Johanna Tesfay, Richa Mandlewala, Darin Roberts, Celia J. Maxwell, Muhammad Amer, Howard Univ, Washington, DC
- P229 Pericardial Fat Density is Associated With Insulin Resistance in Treated HIV Infection: The SATURN-HIV Trial**  
Chris T. Longenecker, Yiying Liu, Mark Schlucter, Grace A. McComsey, Case Western Reserve Univ, Cleveland, OH
- P230 Antidepressant Use and Incident Heart Failure among Veterans with and without HIV Infection and Major Depressive Disorder**  
Jessica R. White, Chung-Chou H Chang, Kaku A. Armah, Univ of Pittsburgh, Pittsburgh, PA; Jesse C. Stewart, Indiana Univ-Purdue Univ, Indianapolis, IN; Samir K. Gupta, Indiana Univ, Indianapolis, IN; Adeel A. Butt, VA Pittsburgh Health Care System, Pittsburgh, PA; Cynthia L. Gibert, Washington DC VA Medical Ctr, Washington, DC; David Rimland, Atlanta VA Medical Ctr, Decatur, GA; Maria C. Rodriguez-Barradas, Michael E. DeBakey VA Medical Ctr, Houston, TX; David A. Leaf, Greater Los Angeles VA Healthcare System, Los Angeles, CA; Roger J. Bedimo, VA North Texas Health Care System, Dallas, TX; John S. Gottdiener, Univ of Maryland Medical Ctr, Baltimore, MD; Willem J. Kop, Tilburg Univ, Tilburg, Netherlands; Stephen S. Gottlieb, Univ of Maryland, Baltimore, MD; Matthew J. Budoff, Los Angeles Biomedical Res Inst, Torrance, CA; Tasneem Khambaty, Indiana Univ-Purdue Univ, Indianapolis, IN; Hilary A. Tindle, Vanderbilt Univ, Nashville, TN; Amy C. Justice, Yale Univ, New Haven, CT; Matthew S. Freiberg, Vanderbilt Univ, Nashville, TN
- P231 Metabolic and Life Style Risk Factors and All-Cause Mortality in the Miami Adult Studies in HIV (MASH) Cohort**  
Marianna K. Baum, Adriana Campa, Sabrina Martinez, Yinghui Li, Pedro Greer, Jorge Murillo, Tiffanie Stewart, Christina Fleetwood, Venkataraghavan Ramamoorthy, Emir Veledar, Florida Intl Univ, Miami, FL
- P232 The Relationship Between Lifestyle Factors and Cardiovascular Disease Risk in HIV+ Adults**  
Allison R. Webel, Abdus Sattar, Chris T. Longenecker, Nathaniel J. Schreiner, Richard Josephson, Case Western Reserve Univ, Cleveland, OH
- P233 Estimating Rates of Cardiovascular Death Using Royston-Parmar Survival Models: An Example in a High Risk Patient Population in Sweden**  
Julia Sandberg, Leif Jorgensen, IMS Health, Stockholm, Sweden; Mark Danese, Outcomes Insights Inc., Westlake Village, CA; Benjamin Taylor, Amgen Inc., Thousand Oaks, CA; Ryan Kilpatrick, GSK, Raleigh, NC; Patrik Sobocki, IMS Health, Stockholm, Sweden
- P234 Cardiovascular Risk Prediction With Minimal Physiologic Variables**  
Monika M. Safford, Lisandro Colantonio, Joshua Richman, Univ of Alabama at Birmingham, Birmingham, AL

# Poster Presentations (continued)

- P235 A Virtual Baseline Examination: Effect of Baseline Timeframe on Risk Factor Assessment**  
**Jason L. Vassy**, Yuk-Lam Ho, Kelly Cho, J. Michael Gaziano, Jacqueline Honerlaw, Sanjay Raju, Peter W. Wilson, David R. Gagnon, VA Boston Healthcare System, Boston, MA
- P236 Improving Cardiovascular Risk Prediction in Type II Diabetes Patients with Repeated Measurements of Clinical Biomarkers**  
**Linda M. Peelen**, Lily Nagtzaam, Joline W. Beulens, Susan Van Dieren, Karel G. Moons, Yvonne T. Van der Schouw, Julius Ctr for Health Sciences and Primary Care UMC Utrecht, Utrecht, Netherlands
- P237 Measuring Cognition in the Atherosclerosis Risk in Communities (ARIC) Study Cohort: An approach to Account for Informative Attrition**  
**Lisa M. Wruck**, Univ of North Carolina - Chapel Hill, Chapel Hill, NC; Alvaro Alonso, Univ of Minnesota, Minneapolis, MN; Marilyn Albert, Josef Coresh, Johns Hopkins Univ, Baltimore, MD; David Couper, Univ of North Carolina - Chapel Hill, Chapel Hill, NC; Rebecca Gottesman, Johns Hopkins Univ, Baltimore, MD; David S. Knopman, Dept of Neurology, Mayo Clinic, Rochester, MN; Wayne Rosamond, Univ of North Carolina - Chapel Hill, Chapel Hill, NC; A. Richey Sharrett, Johns Hopkins Univ, Baltimore, MD; Thomas H. Mosley, Univ of Mississippi Medical Ctr, Jackson, MS
- P238 Evaluation of Low-Density Lipoprotein Cholesterol as a Confounder for Adverse Events**  
**Shia T. Kent**, Emily B. Levitan, Hong Zhao, Univ of Alabama at Birmingham, Birmingham, AL; Angelika Manthripragada, Amgen, Inc, Thousand Oaks, CA; Monika M. Safford, Jeffrey R. Curtis, Paul Muntner, Univ of Alabama at Birmingham, Birmingham, AL
- P239 Clockwise and Counterclockwise Rotation of QRS Transition Zone and Cardiovascular Events: The Atherosclerosis Risk in Communities (ARIC) Study**  
**Siddharth Patel**, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Sunil Agarwal, Johns Hopkins Univ, Baltimore, MD; Larisa Tereshchenko, Oregon Health & Science Univ, Portland, OR; Joseph Coresh, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Elsayed Soliman, Wake Forest Univ Sch of Med, Winston-Salem, NC; Kunihiro Matsushita, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD
- P240 Iq'Mik Smokeless Tobacco Use And Cardio-Metabolic Risk Factors Among Yup'ik Alaska Native People**  
**Tove K. Ryman**, Melissa A. Austin, Univ of Washington, Seattle, WA; Scarlett Hopkins, Jacques Philip, Univ of Alaska Fairbanks, Fairbanks, AK; Shirley A. Beresford, Beti Thompson, Kenneth E. Thummel, Univ of Washington, Seattle, WA; Bert B. Boyer, Univ of Alaska Fairbanks, Fairbanks, AK
- P241 2013 AHA/ACC/TOS and 1998 NHLBI Clinical Guidelines for the Management of Overweight and Obesity Predict Higher Cardiovascular Disease Risk in Adults Recommended versus Not Recommended for Weight Loss Treatment: the Atherosclerosis Risk in Communities Study**  
**June Stevens**, Univ of North Carolina, Chapel Hill, NC; Eva Erber-Oakkar, Quintiles, Cary, NC; Zhaohui Cui, Jianwen Cai, Univ of North Carolina, Chapel Hill, NC; David Wormser, F. Hoffmann-La Roche, Basel, Switzerland; Salim S. Virani, Baylor Coll of Med, Houston, TX
- P242 Association of Polyunsaturated Fatty Acids With Body Mass Index: Results From the Multi-Ethnic Study of Atherosclerosis**  
Theresa Hastert, Univ of Michigan, Ann Arbor, MI; Marcia C. de Oliveira Otto, Univ of Texas Health Science Ctr at Houston, Houston, TX; Felice Le-Scherban, Drexel Univ Sch of Public Health, Philadelphia, PA; Brian Steffen, Lynn M. Steffen, Michael Tsai, David Jacobs, Univ of Minnesota, Minneapolis, MN; Ha Nguyen, Wake Forest Sch of Med, Winston-Salem, NC; **Ana Baylin**, Univ of Michigan, Ann Arbor, MI
- P243 Greater Healthful Dietary Variety and Changes in Adiposity Indicators During a Weight-Loss Intervention: The POUNDS Lost Trial**  
**Maya Vadiveloo**, Frank M. Sacks, Harvard Sch of Public Health, Boston, MA; George A. Bray, Catherine Champagne, Pennington Biomedical Res Ctr, Baton Rouge, LA; Josiemer Mattei, Harvard Sch of Public Health, Boston, MA
- P244 Combined Measures of Total and Abdominal Adiposity and the Likelihood of Subclinical Myocardial Damage**  
**Amira O. Collison**, Johns Hopkins Univ, Baltimore, MD; Vijay Nambi, Michael E DeBakey Veterans Affairs Hosp; Baylor Coll of Med, Houston, TX; Mariana Lazo, Johns Hopkins Univ, Baltimore, MD; Ron C. Hoogeveen, Baylor Coll of Med, Houston, TX; Roger S. Blumenthal, Johns Hopkins Univ, Baltimore, MD; Aaron R. Folsom, Univ of Minnesota, Minneapolis, MN; Elizabeth Selvin, Johns Hopkins Univ, Baltimore, MD; Christie M. Ballantyne, Baylor Coll of Med, Houston, TX; Josef Coresh, Chiadi E. Ndumele, Johns Hopkins Univ, Baltimore, MD
- P245 Sex-Specific Interaction Between Adiposity and Cellular Adhesion: The Multi-Ethnic Study of Atherosclerosis (MESA) Study**  
**Mary J. Christoph**, Univ of Illinois at Urbana-Champaign, Champaign, IL; Matthew A. Allison, Univ of California San Diego, La Jolla, CA; James S. Pankow, Univ of Minnesota, Minneapolis, MN; Paul A. Decker, Phillip S. Kirsch, Mayo Clinic, Rochester, MN; Michael Y. Tsai, Univ of Minnesota, Minneapolis, MN; Michele M. Sale, Univ of Virginia, Charlottesville, VA; Mariza de Andrade, Hugues Sicotte, Mayo Clinic, Rochester, MN; Weihong



# Poster Presentations (continued)

- Tang, Naomi Q. Hanson, Univ of Minnesota, Minneapolis, MN; Cecilia Berardi, Mayo Clinic, Rochester, MN; Christina L. Wassel, Univ of Pittsburgh, Pittsburgh, PA; Nicholas B. Larson, Suzette J. Bielinski, Mayo Clinic, Rochester, MN
- P246 Lean Body Mass, Percent Body Fat, and HbA1c in the U.S. Population: The National Health and Nutrition Examination Survey (NHANES 1999-2006)**  
**Julie K. Bower**, Rachel Brackett, The Ohio State Univ, Columbus, OH; Meredith C. Foster, Tufts Univ, Boston, MA; Randi E. Foraker, The Ohio State Univ, Columbus, OH
- P247 The CHANGE Study: Comprehensive Primary Pulmonary Hypertension Assessment & Nutritional manaGEment**  
**Arjun K. Pandey**, Cambridge Cardiac Care Ctr and Waterloo Collegiate Inst, Cambridge, ON, Canada
- P248 Measures of Overall and Central Obesity and Cardiovascular Disease Risk Factors Among US Hispanic / Latino Adults: The Hispanic Community Health Study/Study of Latinos (HCHS/SOL)**  
**Qibin Qi**, Garrett Strizich, David Hanna, Albert Einstein Coll of Med, Bronx, NY; Rebeca A. Espinoza-Giacinto, Sheila F. Castañeda, San Diego State Univ, San Diego, CA; Daniela Sotres-Alvarez, University of North Carolina, Chapel Hill, NC; Amber Pirzada, Univ of Illinois at Chicago, Chicago, IL; Maria M Llabre, Neil Schneiderman, Univ of Miami, Miami, FL; Larissa Aviles-Santa, Natl Heart, Lung, and Blood Inst Natl Insts of Health, Bethesda, MD; Robert C. Kaplan, Albert Einstein Coll of Med, Bronx, NY
- P249 A Behavioral Weight Loss Intervention is Effective for Change in CVD Risk Factors in Young Adults: The IDEA Study**  
**John M. Jakicic**, Kelliann K. Davis, Bethany Barone Gibbs, Diane Helsel, Wendy C. King, Amy D. Rickman, Renee J. Rogers, Abdus Wahed, Steven H. Belle, Univ of Pittsburgh, Pittsburgh, PA
- P250 Overweight and Obesity are Independent Risk Factors for Coronary Heart Disease, and have Similar Associations for Women and Men: A Meta-Analysis of 94 Cohorts with 1.1 Million Participants**  
**Morgana Mongraw-Chaffin**, Univ of California, San Diego, La Jolla, CA; Sanne A. Peters, Julius Ctr for Health Sciences and Primary Care, Univ Medical Ctr Utrecht, Utrecht, Netherlands; Rachel R. Huxley, Sch of Population Health, Univ of Queensland, Brisbane, Australia; Mark Woodward, The George Inst for Global Health, Univ of Sydney, Sydney, Australia
- P251 Weight Change is Associated With Risk of Cardiovascular Mortality Among Singapore Chinese**  
**Woon-Puay Koh**, Duke-NUS Graduate Medical Sch Singapore, Singapore, Singapore; Jian-min Yuan, Univ of Pittsburgh Cancer Inst, Pittsburgh, PA; An Pan, Natl Univ of Singapore, Singapore, Singapore
- P252 Sarcopenic Obesity is Associated With a High Burden of Cardiovascular Disease**  
**Jiantao Ma**, Shih-Jen Hwang, Natl Heart, Lung, and Blood Inst's Framingham Heart Study and Population Sciences Branch, Framingham, MA; Gearoid M. McMahon, Natl Heart, Lung, and Blood Inst's Framingham Heart Study and Population Sciences Branch, Framingham; Renal Div, Brigham and Women's Hosp and Harvard Medical Sch, Boston, MA; Gary C. Curhan, Renal Div, Brigham and Women's Hosp and Harvard Medical Sch, Boston, MA; Robert R. McLean, Inst for Aging Res, Hebrew Senior Life and Harvard Medical Sch, Boston, MA; Joanne M. Murabito, Natl Heart, Lung, and Blood Inst's Framingham Heart Study and Population Sciences Branch, Framingham; Section of General Internal Med, Dept of Med, Boston Univ Sch of Med, Boston, MA; Caroline S. Fox, Natl Heart, Lung, and Blood Inst's Framingham Heart Study and Population Sciences Branch, Framingham; Renal Div and Div of Endocrinology, Brigham and Women's Hosp and Harvard Medical Sch, Boston, MA
- P253 Body Mass Index and Heart Failure Among Patients with Type 2 Diabetes**  
**Gang Hu**, Peter Katzmarzyk, Ronald Horswell, Yujie Wang, Pennington Biomedical Res Ctr, Baton Rouge, LA; Jolene Johnson, LSU Health Baton Rouge, Baton Rouge, LA; Weiqi Li, Pennington Biomedical Res Ctr, Baton Rouge, LA
- P254 Impact of a 12-Weeks Supervised Physical Activity Program After Bariatric Surgery on Cardiorespiratory Capacity; A Randomized Study**  
**Jany Harvey**, Auclair Audrey, Eric Nadreau, Alexandre Sanctuaire, Simon Marceau, Laurent Biertho, Simon Biron, Frederic-Simon Hould, Stefane Lebel, Odette Lescelleur, Paul Poirier, Inst Univire de Cardiologie et de Pneumologie de Québec, Québec, QC, Canada

# Poster Presentations (continued)

- P255 Body Mass index, C-Reactive Protein and Mortality among Coronary Artery Disease Patients**  
**Ding Ding**, Sun yat-sen Univ and Pennington Biomedical Res Ctr, Guangzhou, China; Min Wang, Dongfang Su, Sun yat-sen Univ, Guangzhou, China; Changjiang Hong, General Hosp of Guangzhou Military Command of People's Liberation Army, Guangzhou, China; Xinrui Li, Sun yat-sen Univ, Guangzhou, China; Yuan Zhang, General Hosp of Guangzhou Military Command of People's Liberation Army, Guangzhou, China; Gang Hu, Pennington Biomedical Res Ctr, BATON ROUGE, LA; Wenhua Ling, Sun yat-sen Univ, Guangzhou, China
- P256 Associations Between Periaortic Vascular Adipose Tissue, Cardiometabolic Risk Factors and Aortic Calcification in a Multiethnic Cohort of Men From the ERA JUMP Study**  
**Mindy L. Columbus**, Emma Barinas-Mitchell, Belinda McQuaide, Lina Bai, Marnie Bertolet, Marina Bodomova, Univ of Pittsburgh, Pittsburgh, PA; Daniel Edmundowicz, Temple Univ, Philadelphia, PA; Beatriz Rodriguez, Bradley Wilcox, Univ of Hawaii, Honolulu, HI; Chol Shin, Korea Univ, Ansan, Korea, Republic of; Kamal Masaki, Univ of Hawaii, Honolulu, HI; Akira Sekikawa, Univ of Pittsburgh, Pittsburgh, PA
- P257 Efficacy of Teen Battle Chef Program to Shift the Academic Performance and Health Behaviors in NYC High School Students**  
Hyunwoo Park, Family Cook Productions, New York City, NY; Lynn Fredericks, Nicole M. Sliva, Jun Wang, Family Cook Productions, New York City, NY; Erica D. Irvin, HealthCorps, New York City, NY; Judith Wylie-Rosett, Dept of Epidemiology and Population Health, Albert Einstein Coll of Med, Bronx, NY; **Shawn G. Hayes**, HealthCorps, Sacramento, CA
- P258 Prevalence of Obesity and Estimated Medical and Work Loss Costs Attributable to High BMI: The Baptist Health South Florida Employee Study**  
**Khurram Nasir**, Emir Veledar, Chukwuemeka Osondu, Ehimen Aneni, Oluseye Ogunmoroti, Sankalp Das, Maribeth Rouseff, Thinh Tran, Don Parris, Leah Holzwarth, Henry Guzman, Theodore Feldman, Michael Ozner, Jonathan Fialkow, Bernie Fernandez, Jack Ziffer, Arthur Agatston, Baptist Health South Florida, Miami, FL
- P259 Overweight People Increased in the Evacuation Zone of Fukushima Prefecture After the Great East Japan Earthquake: The Fukushima Health Management Survey**  
**Tetsuya Ohira**, Mitsuaki Hosoya, Seiji Yasumura, Hiroaki Satoh, Hitoshi Suzuki, Akira Sakai, Akira Ohtsuru, Atsushi Takahashi, Masato Nagai, Wen Zhang, Hironori Nakano, Koji Otani, Masayuki Hayashi, Shigeatsu Hashimoto, Masafumi Abe, Fukushima Medical Univ, Fukushima, Japan
- P260 Obesity is Associated With DNA Methylation in Population-Based Adolescents**  
**Arthur Berg**, Yuka Imamura Kawasawa, Anna Salzberg, Edward O Bixler, Fan He, Duanping Liao, Penn State Coll of Med, Hershey, PA
- P261 Skeletal Muscle Density: A Novel Risk Factor for Hypertension in Aging African Ancestry Men**  
**Iva Miljkovic**, Allison Kuipers, Clareann Bunker, Univ of Pittsburgh, Pittsburgh, PA; Alan Patrick, Tobago Health Studies Clinic, Scarborough, Trinidad and Tobago; Joseph Zmuda, Univ of Pittsburgh, Pittsburgh, PA
- P262 Self-Reported Marijuana Use and Abdominal Adiposity Measured by Computed Tomography: The Coronary Artery Risk Development in Young Adults Study**  
**Michael P. Bancks**, Univ of Minnesota Sch of Public Health, Minneapolis, MN; J. Jeffrey Carr, Vanderbilt Univ, Nashville, TN; David C. Goff Jr., Colorado Sch of Public Health, Aurora, CO; Catarina I. Kiefe, Univ of Massachusetts Medical Sch, Worcester, MA; Jamal S. Rana, Univ of California, San Francisco, CA; Christina M. Shay, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Stephen Sidney, Kaiser Permanente Northern California, Oakland, CA; J. Gregory Terry, Vanderbilt Univ, Nashville, TN; Pamela J. Schreiner, Univ of Minnesota Sch of Public Health, Minneapolis, MN
- P263 Central Obesity and the Emerging Epidemic of Type 2 Diabetes in Saudi Arabia**  
**Lena Al Khudairy**, Karen Rees, Sudhesh Kumar, Wawrick Medical Sch, Coventry, United Kingdom; Nasser Al-Daghri, Omar Al Attas, Majid Al Okail, Khalid Al Kharfy, King Saud Univ, Riyadh, Saudi Arabia; Saverio Stranges, Wawrick Medical Sch, Coventry, United Kingdom
- P264 Young Adults, Technology, and Weight Loss: A Focus Group Study**  
**Janna Stephens**, Jerilyn Allen, Johns Hopkins Univ, Baltimore, MD
- P265 Neighborhood Environments and Weight Change Among Individuals Participating in a Weight Loss Intervention**  
**Dara D. Mendez**, Linda J. Ewing, Yaguang Zheng, Christopher C. Imes, Rachel W. Goode, Juliet Mancino, Edwin Music, Lora E. Burke, Univ of Pittsburgh, Pittsburgh, PA
- P266 The Local Food Environment and Obesity: A Systematic Review**  
**Laura K. Cobb**, Lawrence J. Appel, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Manuel Franco, Sch of Med, Univ of Alcalá, Madrid, Spain; Jessica C. Jones-Smith, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Cheryl A. Anderson, Univ of California San Diego Sch of Med, La Jolla, CA

# Poster Presentations (continued)

**P267 Hemoglobin and Hematocrit Levels are Determinant for Exercise Tolerance in Patients with Class I to III Obesity**

Agatha Caveda Matheus, Federal Univ of São Paulo, Santos, Brazil; Antônio Ricardo Gagliardi, Angiocorpore Inst of Cardiovascular Med, Santos, Brazil; Ana Esther Oliveira, Evandro Fornias Sperandio, Matheus Bibian Nascimento, Miriane Barboza, Rodrigo Pereira Silva, Vinicius Tonon Lauria, Federal Univ of São Paulo, Santos, Brazil; Marcelo Romiti, Rodolfo Leite Arantes, Angiocorpore Inst of Cardiovascular Med, Santos, Brazil; **Victor Z. Dourado**, Federal Univ of São Paulo, Santos, Brazil

**P268 Assessing Physical Inactivity Using Accelerometers in Comparison to International Physical Activity Questionnaire**

Rodrigo Pereira Silva, Rodolfo Leite Arantes, Agatha Caveda Matheus, Alan Carlos Barbosa, Evandro Fornias Sperandio, Flávio Rossi Almeida, Giovanna Spina, Matheus Bibian Nascimento, Miriane Barboza, Vitor Rossi Almeida, Marcelo Romiti, Antônio Ricardo Gagliardi, **Victor Z. Dourado**, Federal Univ of São Paulo, Santos, Brazil

**P269 Restricted Spirometry is Associated With Cardiovascular Risk in Asymptomatic Adults Independent of the Confound Effect of the Level of Physical Activity and Fitness**

Evandro Fornias Sperandio, Federal Univ of São Paulo, Santos, Brazil; Rodolfo Leite Arantes, Angiocorpore Inst of Cardiovascular Med, Santos, Brazil; Agatha Caveda Matheus, Rodrigo Pereira Silva, Vinicius Tonon Lauria, Miriane Barboza, Federal Univ of São Paulo, Santos, Brazil; Marcelo Romiti, Antônio Ricardo Gagliardi, Angiocorpore Inst of Cardiovascular Med, Santos, Brazil; **Victor Z. Dourado**, Federal Univ of São Paulo, Santos, Brazil

**P270 Effects of Exercise Training on Cardiorespiratory Fitness and Biomarkers of Cardio-metabolic Health: A Systematic Review and Meta-Analysis of Randomized Controlled Trials**

Xiaochen Lin, Dept of Epidemiology, Sch of Public Health, Brown Univ, Providence, RI; Xi Zhang, Dept of Epidemiology, Richard M. Fairbanks Sch of Public Health, Indiana Univ, Indianapolis, IN; Jianjun Guo, Ctr for the Youth Sport Res and Development, China Inst of Sport Science, Beijing, China, Beijing, China; Christian K. Roberts, Exercise Physiology and Metabolic Disease Res Lab, Translation Sciences Section, Sch of Nursing, Univ of California, Los Angeles, Los Angeles, CA; Steve McKenzie, Ctr for Physical Activity in Wellness and Prevention, Dept of Kinesiology, Indiana Univ-Purdue Univ at Indianapolis, Indianapolis, IN, Indianapolis, IN; Wen-Chih Wu, Dept of Med, Div of Cardiology and Veterans Affairs Medical Ctr, Alpert Medical Sch, Brown Univ, Providence, RI; Simin Liu, Dept of Epidemiology, Sch of Public Health, Brown Univ,

Providence, RI; Yiqing Song, Dept of Epidemiology, Richard M. Fairbanks Sch of Public Health, Indiana Univ, Indianapolis, IN

**P271 Sedentary Behavior and Subclinical Atherosclerosis in African Americans: The Jackson Heart Study**

**Keith M. Diaz**, Columbia Univ Medical Ctr, New York, NY; John N. Booth III, Univ of Alabama Birmingham, Birmingham, AL; Samantha R. Seals, Univ of Mississippi Medical Ctr, Jackson, MS; Steven P. Hooker, Arizona State Univ, Phoenix, AZ; Patricia M. Dubbert, South Central VA Mental Illness Res Education & Clinical Ctr, Little Rock, AR; Paul Muntner, Univ of Alabama Birmingham, Birmingham, AL; Daichi Shimbo, Columbia Univ Medical Ctr, New York, NY

**P272 Engaging in Any Moderate-to-Vigorous Physical Activity (MVPA) is Associated with a Lower Risk of Mild and Moderate to Severe Obstructive Sleep Apnea: Results from the Hispanic Community Health Study/Study of Latinos (HCHS/SOL)**

Rosenda Murillo, Univ of Houston, Houston, TX; Kathryn J. Reid, Northwestern Univ, Chicago, IL; Jianwen Cai, Univ of North Carolina-Chapel Hill, Chapel Hill, NC; Marc D. Gellman, Univ of Miami, Coral Gables, FL; Nathan M Gotman, Univ of North Carolina-Chapel Hill, Chapel Hill, NC; David X. Marquez, Univ of Illinois at Chicago, Chicago, IL; Frank J. Penedo, Northwestern Univ, Chicago, IL; Alberto R. Ramos, Univ of Miami, Miami, FL; Phyllis C. Zee, Northwestern Univ, Chicago, IL; Martha L Daviglius, Univ of Illinois at Chicago, Chicago, IL

**P273 Leisure-Time Physical Activity and Mortality in the Northern Manhattan Study**

**Joshua Z. Willey**, Yeseon Park Moon, Ayesha Sherzai, Palma Gervasi-Franklin, Ken Cheung, Columbia Univ, New York, NY; Ralph L. Sacco, Univ of Miami, Miami, FL; Mitchell S. Elkind, Columbia Univ, New York, NY

**P274 Physical Activity Patterns and Determinants Following Acute Myocardial Infarction: Insights From the VIRGO Study (Variation in Recovery: Role of Gender on Outcomes of Young Acute Myocardial Infarction Patients)**

**Karl E. Minges**, Yale Univ, New Haven, CT; Kelly M. Strait, Yale-New Haven Hosp, New Haven, CT; Sarah Camhi, Univ of Massachusetts, Boston, Boston, MA; Judith H. Lichtman, Yale Sch of Public Health, New Haven, CT; Rachel P. Dreyer, Mary Geda, Yale-New Haven Hosp, New Haven, CT; Hector Bueno, Hosp General Univrio Gregario Maraon, Madrid, Spain; Jephtha P. Curtis, Harlan M. Krumholz, Yale Univ Sch of Med, New Haven, CT

# Poster Presentations (continued)

- P275 Physical Activity Among Married Couples in the Atherosclerosis Risk in Communities Study**  
Laura K. Cobb, Job G. Godino, Elizabeth Selvin, Dept of Epidemiology, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Anna Kucharska-Newton, Dept of Epidemiology, Gillings Sch of Global Public Health, Univ of North Carolina, Chapel Hill, NC; Josef Coresh, Dept of Epidemiology, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; **Silvia Koton**, The Stanley Steyer Sch of Health Professions, Tel Aviv Univ and Dept of Epidemiology, Johns Hopkins Bloomberg Sch of Public Health, Tel Aviv, Israel
- P276 Gender Associated With Youth Physical Activity Independent of Neighborhood Safety Factors**  
**Andrew S. Wiemken**, Univ of Pennsylvania, Philadelphia, PA; Freda Patterson, Temple Univ, Philadelphia, PA; Alexandra Hanlon, Univ of Pennsylvania, Philadelphia, PA
- P277 Effects of Physical Activity on Vascular and Cardiac Measures in Late Adolescence and Early Adulthood Vary by Intensity**  
**Nicholas M. Edwards**, Philip R. Khoury, Elaine M. Urbina, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH
- P278 Prevalence, Patterns and Correlates of Physical Activity Among the Adult Population of Four Cities in the Southern Cone of Latin America: Results from the CESCAS I Study**  
**Rosana Poggio**, María Gabriela Matta, IECS, Buenos Aires, Argentina; Pamela Serón, Univ de la Frontera, CIGES, Temuco, Chile; Laura Gutierrez, Vilma Irazola, Adolfo Rubinstein, IECS, Buenos Aires, Argentina
- P279 Neighborhood Socioeconomic Status and Physical Function in Late Life: The Atherosclerosis Risk in Communities (ARIC) Study**  
**Priya Palta**, Mehul Patel, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Michael Griswold, Univ of Mississippi Medical Ctr, Jackson, MS; Anna Kucharska-Newton, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Beverly G. Windham, Univ of Mississippi Medical Ctr, Jackson, MS; Michelle L. Snyder, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Benjamin Capistrant, Univ of Minnesota, Minneapolis, MN; Gerardo Heiss, Univ of North Carolina at Chapel Hill, Chapel Hill, NC
- P280 Home versus Hospital-Based Exercise Training and Associated Improvements in Functional Capacity and Quality of Life in Post-event Coronary Artery Disease Patients: An Indo-Iranian Multi-center Randomized Controlled Trial**  
**Mohammad H. Hadadzadeh**, Wheeling Jesuit Univ, Wheeling, WV; Arun G. Maiya, Manipal Univ, Manipal, India; Bijan Shad, Fardin Mirbolouk, Guilan Univ of Medical Sciences, Golsar Hosp, Rasht, Iran, Islamic Republic of; R. PadmaKumar, Shirish S. Borkar, Tom Devasia, Vivek G. Raman, SreeKumar Nair, Vasudev Guddattu, Manipal Univ, Manipal, India
- P281 Cardiovascular Health Correlates of Physical Activity and Sedentary Behavior Patterns in American Adults**  
**Sydney A. Jones**, Amy H. Herring, Feng Wen, Kelly R. Evenson, Univ of North Carolina at Chapel Hill, Chapel Hill, NC
- P282 Does Cardiorespiratory Fitness Modify the Association Between Sitting Time and Obesity?**  
**Carolyn E. Barlow**, The Cooper Inst, Dallas, TX; Kerem Shuval, American Cancer Society, Atlanta, GA; Bijal Balasubramanian, Darla E Kendzor, Univ of Texas Health Science Ctr Sch of Public Health, Dallas, TX; Carrie E Finley, Laura F. DeFina, The Cooper Inst, Dallas, TX; Kelley P. Gabriel, Univ of Texas Health Science Ctr Sch of Public Health, Austin, TX
- P283 Association of Cardiorespiratory Fitness and Adiposity with Inflammatory Biomarkers in Young Adults**  
**Eunduck Park**, The Univ of Health Science Ctr at Houston, Sch of Nursing, Houston, TX; Janet C. Meiningner, The Univ of Health Science Ctr at Houston, Sch of Nursing, Sch of Public Health, Houston, TX; Duck-Hee Kang, The Univ of Health Science Ctr at Houston, Sch of Nursing, Houston, TX; Kelley P. Gabriel, The Univ of Health Science Ctr at Houston, Sch of Public Health, Houston, TX
- P284 Exploring Differences in Self-Reported Moderate and Vigorous Physical Activity Among Hispanic Subgroups, Non-Hispanic Black, and Non-Hispanic White: National Health Interview Survey (NHIS), 1997-2012**  
**Bertha Hidalgo**, Univ of Alabama at Birmingham, Birmingham, AL; Pravleen Bajwa, Renee Gennarelli, Cassandra Arroyo Johnson, Washington Univ, St. Louis, MO
- P285 Frequency of Sexual Activity the Year before Myocardial Infarction and Risk for Subsequent Cardiovascular Adverse Events: Results of a Long-Term Follow-Up Study**  
**Dietrich Rothenbacher**, Ulm Univ, Ulm, Germany; Dhayana Dallmeier, Dept of Internal Med II-Cardiology, Univ of Ulm Medical Ctr, Ulm, Germany; Ute Mons, Div of Clinical Epidemiology & Aging Res, German Cancer Res Ctr, Heidelberg, Germany; Wayne D. Rosamond, Dept of Epidemiology, Gillings Sch of Global Public Health at Chapel Hill, Chapel Hill, NC; Wolfgang Koenig, Dept of Internal Med II-Cardiology, Univ of Ulm Medical Ctr, Ulm, Germany; Hermann Brenner, Div of Clinical Epidemiology & Aging Res, German Cancer Res Ctr, Heidelberg, Germany
- P286 Disparities in Meeting Physical Activity Guidelines in Asian Americans in Los Angeles and in New York City**  
**Stella S. Yi**, NYU Sch of Med, New York, NY



# Poster Presentations (continued)

## P287 **Autonomy Supportive Healthcare Providers Influence Self-Determined Motivation for Physical Activity in Women With Cardiovascular Disease**

**Linda A. Mason Barber**, Tanner Health System Sch of Nursing, Univ of West Georgia, Carrollton, GA; **Laura P. Kimble**, Georgia Baptist Coll of Nursing of Mercer Univ, Atlanta, GA; **Leslie F. Taylor**, Mercer Univ, Atlanta, GA

## P288 **Cardiovascular Disease, Risk Factors, and Physical Activity are Significant Predictors of Self-Rated Health and Well-Being**

**Erica Schorr**, Corjena Cheung, Kristine Talley, Jean Wyman, Siobhan McMahon, John Hughes, Univ of Minnesota, Minneapolis, MN

## P289 **Physical Activity and Sedentary Behavior in Metabolically Healthy Obese Young Women**

**Sarah M. Camhi**, Univ of Massachusetts, Boston, MA; **Scott E. Crouter**, Univ of Tennessee, Knoxville, TN; **Laura L. Hayman**, Univ of Massachusetts, Boston, MA; **Alice H. Lichtenstein**, Aviva Must, Tufts Univ, Boston, MA

## P290 **Tai Chi Downregulates Pro-inflammatory Cytokines in Women With Increased Cardiometabolic Risk**

**Jo Robins**, Jamie L. Sturgill, Virginia Commonwealth Univ, Richmond, VA

## P291 **Similar Over-Reporting of Physical Activity Among African Immigrant Men and Women: The Africans in America Study**

**Paola Aldana**, Caroline Thoreson, Michelle Duong, Madia Ricks, Amber Courville, Lilian Mabundo, Anne Sumner, Stephanie Chung, Natl Inst of Diabetes and Digestive Disorders and Kidney Disease, Bethesda, MD

## P292 **Concentrations of Endothelin-1 Predict Coronary Heart Disease in Women in a Swedish Cohort Study**

**Bledar Daka Sr.**, Med, Gothenburg, Sweden; **Charlotte A. Larsson**, Lund Univ, Dept of Clinical Sciences, Malmö, Malmö, Sweden; **Margareta I. Hellgren**, Med, Gothenburg, Sweden; **Lennart Råstam**, Lund Univ, Dept of Clinical Sciences, Malmö, Malmö, Sweden; **Per Anders Jansson**, Ulf Lindblad, Med, Gothenburg, Sweden

## P293 **Relations of Abdominal Subcutaneous and Visceral Fat Quality with a Panel of Metabolic Regulatory Biomarkers**

**Jane J. Lee**, Alison Pedley, Natl Heart, Lung, and Blood Inst's Framingham Heart Study and the Ctr for Population Studies, Framingham, MA; **Udo Hoffmann**, Harvard Medical Sch, Boston, MA & Dept of Radiology, Massachusetts General Hosp, Boston, MA; **John F. Keaney Jr.**, Div of Cardiovascular Med, Univ of Massachusetts Medical Sch, Worcester, MA; **Ramachandran S. Vasan**, Natl Heart, Lung, and Blood Inst's Framingham Heart Study and the Ctr for Population Studies, Framingham, MA & **Evans** Dept of Med, Whitaker Cardiovascular Inst,

and Sections of Cardiology and Preventive Med, Boston, MA; **Caroline S. Fox**, Natl Heart, Lung, and Blood Inst's Framingham Heart Study and the Ctr for Population Studies, Framingham, MA & **Harvard Medical Sch**, Boston, MA & **Div of Endocrinology**, Brigham and Women's Hosp, Boston, MA

## P294 **25-OH Vitamin D concentration and All-Cause Mortality Following Coronary Catheterization in Alberta, Canada**

**Lawrence de Koning**, Michael Gerling, Mei Zhang, Christopher Naugler, Merrill Knudtson, Univ of Calgary, Calgary, AB, Canada

## P295 **Oxidative Stress Biomarkers and Incidence of Post-Operative Atrial Fibrillation in the OPERA Trial**

**Jason Hy Wu**, The George Inst for Global Health, Camperdown, Australia; **Roberto Marchioli**, Consorzio Mario Negri Sud, Santa Maria, Imbaro, Italy; **Roberto Latini**, Serge Masson, Istituto di Ricerche Farmacologiche, Milan, Italy; **Maria G Silletta**, Consorzio Mario Negri Sud, Santa Maria, Imbaro, Italy; **Frank W. Sellke**, Brown Univ Warren Alpert Sch of Med, Providence, RI; **Peter Libby**, Brigham and Women's Hosp, Harvard Medical Sch, Boston, MA; **Ginger L. Milne**, Vanderbilt Univ Sch of Med, Nashville, TN; **Dariusz Mozaffarian**, Friedman Sch of Nutrition Science and Policy, Tufts Univ, Boston, MA

## P296 **Racial Differences in Hyperglycemia: Comparative Prognostic Value of Traditional and Nontraditional Glycemic Markers**

**Christina M. Parrinello**, Dept of Epidemiology, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; **Nisa M. Maruthur**, Dept of Epidemiology, Johns Hopkins Bloomberg Sch of Public Health; **Dept of Med**, Johns Hopkins Univ, Baltimore, MD; **A. Richey Sharrett**, Dept of Epidemiology, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; **Ronald Klein**, Dept of Ophthalmology and Visual Sciences, Univ of Wisconsin Sch of Med and Public Health, Madison, WI; **Richard Bergenstal**, Intl Diabetes Ctr, Park Nicollet Health Services, Minneapolis, MN; **Morgan E. Grams**, Josef Coresh, Elizabeth Selvin, Dept of Epidemiology, Johns Hopkins Bloomberg Sch of Public Health; **Dept of Med**, Johns Hopkins Univ, Baltimore, MD

## P297 **Alcohol Consumption and Cardiac Biomarkers**

**Mariana Lazo**, Yuan Chen, John W. McEvoy, Chiadi Ndumele, Johns Hopkins Univ, Baltimore, MD; **Suma Konety**, Univ of Minnesota, Minneapolis, MN; **A. Richey Sharrett**, Johns Hopkins Univ, Baltimore, MD; **Christie M. Ballantyne**, Baylor Coll of Med, Houston, TX; **Elizabeth Selvin**, Johns Hopkins Univ, Baltimore, MD

# Poster Presentations (continued)

- P298 Association of Serum Sclerostin with Vascular Calcification in African Ancestry Men**  
**Allison L. Kuipers**, Iva Miljkovic, Univ of Pittsburgh, Pittsburgh, PA; J. Jeffery Carr, James G. Terry, Vanderbilt Univ, Nashville, TN; Cara S. Nestlerode, Univ of Pittsburgh, Pittsburgh, PA; Yaorong Ge, Univ of North Carolina, Charlotte, NC; Clareann H. Bunker, Univ of Pittsburgh, Pittsburgh, PA; Alan L. Patrick, Tobago Health Studies Office, Scarborough, Trinidad and Tobago; Joseph M. Zmuda, Univ of Pittsburgh, Pittsburgh, PA
- P299 Associations of Inflammation Biomarkers with Sleep Disordered Breathing in the Multi-Ethnic Study of Atherosclerosis (MESA)**  
**Nancy S. Jenny**, Univ Vermont Coll Med, Colchester, VT; David Benkeser, Univ of Washington, Seattle, WA; Daniel Duprez, Univ of Minnesota, Minneapolis, MN; Phyllis Zee, Northwestern Univ, Chicago, IL; Martha L Daviglus, Northwestern Univ Medical Sch, Chicago, IL; John Dinkler, Karol E. Watson, Univ of California - Los Angeles, Los Angeles, CA; Susan Redline, Brigham and Womens Hosp, Harvard Medical Sch, Boston, MA
- P300 Circulating MicroRNAs Associated with Glycemic Impairment and Progression in Asian Indians**  
**Elena Flowers**, Bradley E. Aouizerat, Meghana Gadgil, Alka M. Kanaya, Univ of California, San Francisco, San Francisco, CA
- P301 Dietary Patterns and Circulating miRNA Expression in South Asians at Risk for Type 2 Diabetes**  
 Meghana D. Gadgil, Alka M. Kanaya, **Elena Flowers**, Univ of California, San Francisco, San Francisco, CA
- P302 Association of High-Sensitive Troponin I With Coronary Heart Disease Incidence Among Asymptomatic Older Adults: The ADVANCE Study**  
**Carlos Iribarren**, Malini Chandra, Kaiser Permanente Div of Res, Oakland, CA; Jamal S. Rana, Kaiser Permanente Oakland Medical Ctr, Oakland, CA; Mark A. Hlatky, Stanford Univ, Palo Alto, CA; Stephen P. Fortmann, Kaiser Permanente NorthWest, Portland, OR; Thomas Quertermous, Stanford Univ, Palo Alto, CA; Alan S. Go, Kaiser Permanente Div of Res, Oakland, CA
- P303 Low Albumin and Risk of Type 2 Diabetes**  
**Lisa Rafalson**, D'Youville Coll, Buffalo, NY; Leeann Cornelius, Michael LaMonte, Richard P Donahue, Univ at Buffalo, Buffalo, NY
- P304 Association of Stroke Risk Biomarkers with Stroke Symptoms: The Reasons for Geographic and Racial Differences in Stroke (REGARDS) Cohort**  
**Kara M. Klingman**, Kristine Alexander, Neil Zakai, Univ of Vermont, Burlington, VT; Suzanne E. Judd, Univ of Alabama, Birmingham, AL; Dawn O. Kleindorfer, Univ of Cincinnati, Cincinnati, OH; Virginia J. Howard, George Howard, Univ of Alabama, Birmingham, AL; Mary Cushman, Univ of Vermont, Burlington, VT
- P305 Prospective Associations of Serum Ferritin Levels With Cardiovascular Disease Incidence Among African Americans: The Jackson Heart Study**  
**Benjamin Renelus**, Morehouse Sch of Med, Atlanta, GA; Heather R. Millard, Indiana Univ Bloomington, Bloomington, IN; Maihemuti Axiyan, Morehouse Sch of Med, Atlanta, GA; Solomon K. Musani, Ervin R. Fox, Jiankang Liu, Univ of Mississippi Medical Ctr, Jackson, MS; Herman A. Taylor, Morehouse Sch of Med, Atlanta, GA; Aurelian Bidulescu, Indiana Univ Bloomington, Bloomington, IN
- P306 Increase of the Inflammatory Burden at a Young Age in Patients with Coronary Artery Disease**  
**Enkhmaa Byambaa**, Anuurad Erdembileg, Wei Zhang, Kyoungmi Kim, Lars Berglund, Univ of California, Davis, Sch of Med, Davis, CA
- P307 The Incremental Value of Fourteen Novel Biomarkers for the Prediction of Cardiovascular Risk in Patients with Type 2 Diabetes**  
 Joep van der Leeuw, **Joline W. Beulens Jr.**, Linda M. Peelen, Susan van Dieren, Univ Medical Ctr Utrecht, Utrecht, Netherlands; Stephan J. Bakker, Ineke J. Riphagen, Univ Medical Ctr Groningen, Groningen, Netherlands; Casper G. Schalkwijk, Maastricht Univ Medical Ctr, Maastricht, Netherlands; Yolanda van der Graaf, Frank L. Visseren, Yvonne T. van der Schouw, Univ Medical Ctr Utrecht, Utrecht, Netherlands
- P308 The Association of Vitamin K Intake and Status With the Metabolic Syndrome: A 10 Year Follow-Up Study**  
 Veerle Dam, Geertje W. Dalmeijer, Univ Medical Ctr Utrecht, Utrecht, Netherlands; Cees Vermeer, VitaK, Maastricht Univ, Maastricht, Netherlands; Yvonne T. van der Schouw, **Joline W. Beulens**, Univ Medical Ctr Utrecht, Utrecht, Netherlands
- P309 N-3 Polyunsaturated Fatty Acids and Subclinical Atherosclerosis in Mexican Women**  
**Adriana Monge**, Eduardo Ortiz-Panozo, Elsa Yunes, Insto Nacional de Salud Publica, Cuernavaca, Morelos, Mexico; Carlos Cantu-Brito, Andres Catzin-Khulmann, Insto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán, Mexico City, Mexico; Ruy Lopez-Ridaura, Insto Nacional de Salud Publica, Cuernavaca, Morelos, Mexico; William S. Harris, Sanford Sch of Med, Univ of South Dakota, Sioux Falls, SD; Martin Lajous, Insto Nacional de Salud Publica, Cuernavaca, Morelos, Mexico

# Poster Presentations (continued)

## P310 Impact of HealthCorps Program on Participating New York City High School Students' Knowledge of Nutrition, Mental Health and Physical Activity

Moonseong Heo, Dept of Epidemiology and Population Health, Albert Einstein Coll of Med, Bronx, NY; Erica D. Irvin, HealthCorps, New York City, NY; Natania Ostrovsky, Dept of Epidemiology and Population Health, Albert Einstein Coll of Med, Bronx, NY; David Lounsbury, Dept of Family and Social Med, Albert Einstein Coll of Med, Bronx, NY; Carmen Isasi, Dept of Epidemiology and Population Health, Albert Einstein Coll of Med, Bronx, NY; Arthur Blank, Dept of Family and Social Med, Albert Einstein Coll of Med, Bronx, NY; Tiana Yom, Mindy Ginsberg, Dept of Epidemiology and Population Health, Albert Einstein Coll of Med, Bronx, NY; Lynn Fredericks, Family Cook Productions, New York City, NY; **Shawn G. Hayes**, HealthCorps, Sacramento, CA; Judith Wylie-Rosett, Dept of Epidemiology and Population Health, Albert Einstein Coll of Med, Bronx, NY

## P311 Tree Nut Consumption is Inversely Associated With Subclinical Atherosclerosis: The NHLBI Family Heart Study

**Oyere K. Onuma**, Andrew Petrone, Jeremy Robbins, Brigham and Women's Hosp, Boston, MA; R. Curtis Ellison, Boston Univ Sch of Med, Boston, MA; J. Jeffrey Carr, Vanderbilt Univ, Nashville, TN; Donna K. Arnett, Univ of Alabama, Birmingham, AL; Steven C. Hunt, Univ of Utah, Salt Lake City, UT; J. Michael Gaziano, Luc Djousse, Brigham and Women's Hosp, Boston, MA

## P312 Macronutrients Intake and Incident Frailty in the Elderly: A Prospective Cohort Study in Spain

**Pilar Guallar-Castillon**, Univ Autónoma de Madrid, Madrid, Spain; Helena Sandoval-Insausti, Hosp Univ Rio La Princesa, Madrid, Spain; Raúl F Pérez-Tasigchana, Esther López-García, Esther García-Esquinas, Fernando Rodríguez-Artalejo, Univ Autónoma de Madrid, Madrid, Spain

## P313 Estimated Risk of Coronary Heart Disease Associated With the Replacement of Refined Grains With Whole Grains in Two Large Prospective Cohort Studies

**Monica L. Bertoia**, Harvard Sch of Public Health, Boston, MA; Kenneth J. Mukamal, Beth Israel Deaconess Medical Ctr, Boston, MA; Mary M. Franz, Qi Sun, Alan J. Flint, Harvard Sch of Public Health, Boston, MA; Kim Overvad, Aarhus Univ, Aarhus, Denmark; Walter C. Willett, Eric B. Rimm, Harvard Sch of Public Health, Boston, MA

## P314 Plasma Polyunsaturated Fatty Acids and Fish Oil Intake in Relation to Pulse Wave Velocity - The AGES Reykjavik Study

**Ilse Reinders**, VU Univ, Amsterdam, Netherlands; Rachel A. Murphy Jr., Xiaoling Song, Gary F. Mitchell Jr., Marjolein Visser, Mary Frances Cotch, Melissa E. Garcia, Lenore J. Launer, Gudny Eiriksdottir, Vilmundur Gudnason, Tamara B. Harris, Ingeborg A. Brouwer, VU Univ Amsterdam, Amsterdam, Netherlands

## P315 Tomato Consumption by Form and Its Relationship to Total Vegetable Intake in the US: Implications for Healthier Dietary Patterns

**Kristin J. Reimers**, ConAgra Foods, Omaha, NE; Debra R. Keast, Food & Nutrition Database Res, Inc., Okemos, MI

## P316 Alcohol Consumption and Incidence of Atrial Fibrillation and Heart Failure: Prospective Findings From the MOLI-SANI Study

**Augusto Di Castelnuovo**, Simona Costanzo, IRCCS Istituto Neurologico Mediterraneo Neuromed, Pozzilli, Italy; Livia Rago, Epicomed Res SRL, Campobasso, Italy; Amalia de Curtis, Mariarosaria Persichillo, Maria Laura Bonaccio, Francesca Bracone, Maria Benedetta Donati, Giovanni de Gaetano, Licia Iacoviello, IRCCS Istituto Neurologico Mediterraneo Neuromed, Pozzilli, Italy

## P317 Association of Dietary Insulin Index, Insulin Load With Risk of Coronary Heart Disease Among Us Men and Women

**Shanshan Li**, NIH, Rockville, MD; Eric B. Rimm, Frank B. Hu, Laura Sampson, Mary Franz, Walter C. Willett, Harvard Sch of Public Health, Boston, MA

## P318 Frequency of Fried Food Consumption Outside of Home and Risk of Nonfatal Myocardial Infarction in Costa Rica

**Peter J. Hu**, Yanping Li, Hannia Campos, Harvard Sch of Public Health, Boston, MA

## P319 Randomized Trial of a Multivitamin Supplement on Risk of Hypertension and Blood Pressure Change Among Middle-Aged and Older Men

**Lu Wang**, Brigham and Women's Hosp, Boston, MA; Susanne Rautiainen, Karolinska Inst, Stockholm, Sweden; JoAnn E. Manson, Julie E. Buring, Robert J. Glynn, J. Michael Gaziano, Howard Sesso, Brigham and Women's Hosp, Boston, MA

## P320 Dietary Flavonoid Intake and Ischemic Stroke

**Margarethe Goetz**, Viola Vaccarino, Terry Hartman, Bill McClellan, Aaron Anderson, Emory Univ, Atlanta, GA; Suzanne Judd, Univ of Alabama-Birmingham, Birmingham, AL

# Poster Presentations (continued)

**P321 Healthy Eating Predicts Lower Risk of Major Noncommunicable Diseases in Chinese Adults**

**Danxia Yu**, Xiao-Ou Shu, Div of Epidemiology, Vanderbilt Univ Sch of Med, Nashville, TN; Yong-Bing Xiang, Dept of Epidemiology, Shanghai Cancer Inst, Shanghai, China; Gong Yang, Div of Epidemiology, Vanderbilt Univ Sch of Med, Nashville, TN; Honglan Li, Yu-Tang Gao, Dept of Epidemiology, Shanghai Cancer Inst, Shanghai, China; Wei Zheng, Xianglan Zhang, Div of Epidemiology, Vanderbilt Univ Sch of Med, Nashville, TN

**P322 Soda Consumption is Associated With Carotid Intima-Media Thickness Among Middle-Aged Mexican Women**

**Mariel Arvizu**, Harvard Sch Public Health, Newton Upper Falls, MA; Adriana Monge, Ctr for Res on Population Health, Natl Inst of Public Health, Cuernavaca, Mexico; Martha Thamez, Harvard Sch Public Health, Boston, MA; Eduardo Ortiz-Panoso, Elsa Yunes, Ctr for Res on Population Health, Natl Inst of Public Health, Cuernavaca, Mexico; Andres Catzin-Kuhlmann, Dept of Med, Natl Inst of Medical Sciences and Nutrition, Mexico City, Mexico; Carlos Cantu-Brito, Dept of Neurology and Psychiatry, Natl Inst of Medical Sciences and Nutrition, Newton Upper Falls, Mexico; Ruy López-Ridaura, Martin Lajous, Ctr for Res on Population Health, Natl Inst of Public Health, Cuernavaca, Mexico

**P323 Effectiveness of Point-of-Purchase Labeling on Dietary Behaviors and Nutrient Contents of Foods: A Systemic Review and Meta-Analysis**

**Siyi Shangguan**, Tufts Univ, Boston, MA; Jessica Smith, Wenjie Ma, Lauren Tanz, Ashkan Afshin, Harvard Sch of Public Health, Boston, MA; Dariush Mozaffarian, Tufts Univ, Boston, MA

**P324 Effects of Sodium and Potassium Supplementation on Endothelial Function and Inflammation in Untreated (Pre)Hypertensives: A Fully Controlled Dietary Intervention Study**

Lieke Gijsbers, James I. Dower, TI Food and Nutrition and Wageningen Univ, Wageningen, Netherlands; Casper G. Schalkwijk, TI Food and Nutrition and Maastricht Univ Medical Ctr, Maastricht, Netherlands; Stephan J. Bakker, TI Food and Nutrition and Univ Medical Ctr Groningen, Groningen, Netherlands; Peter C. Hollman, **Johanna M. Geleijnse**, TI Food and Nutrition and Wageningen Univ, Wageningen, Netherlands

**P325 Quantifying the UK Social and Economic Benefits of Potential Policies to Reduce dietary Trans Fats: Modelling Study**

**Jonathan Pearson-Stuttard Esq.**, Univ of Oxford, Oxford, United Kingdom; Kirk Allen, Univ of Liverpool, Liverpool, United Kingdom; William Hooton, Univ of Oxford, Oxford, United Kingdom; Peter Diggle, Univ of Lancaster, Lancaster, United Kingdom; Simon Capewell, Martin O'Flaherty, Univ of Liverpool, Liverpool, United Kingdom

**P326 Nut Consumption is Inversely Associated with Mortality in a Mediterranean Population: Prospective Results from The MOLI-SANI Study**

**Maria Laura Bonaccio**, Augusto Di Castelnuovo, Amalia de Curtis, Simona Costanzo, IRCCS Istituto Neurologico Mediterraneo Neuromed, Pozzilli, Italy; Francesca Bracone, Epicomed Res SRL, Campobasso, Italy; Mariarosaria Persichillo, Maria Benedetta Donati, Giovanni de Gaetano, Licia Iacoviello, IRCCS Istituto Neurologico Mediterraneo Neuromed, Pozzilli, Italy

**P327 Adherence to the Alternative Healthy Eating Index is Associated with a Lower Risk of Acute Myocardial Infarction Among Singapore Chinese Adults**

**Nithya Neelakantan**, Saw Swee Hock Sch of Public Health, Natl Univ of Singapore, Singapore, Singapore; Nasheen Naidoo, Dept of Pathology, Stellenbosch Univ, Cape Town, South Africa; Hyungwon Choi, Saw Swee Hock Sch of Public Health, Natl Univ of Singapore, Singapore, Singapore; Woon-Puay Koh, Duke-NUS Graduate Medical Sch Singapore, Singapore, Singapore; Jian Min Yuan, Univ of Pittsburgh Cancer Inst and Univ of Pittsburgh Medical Ctr (Shadyside) Cancer Pavilion, Pittsburgh, PA; Rob Martinus van Dam, Saw Swee Hock Sch of Public Health, Natl Univ of Singapore, Singapore, Singapore

**P328 Estimating the Population Distribution of Usual 24-Hour Sodium Excretion From Timed-Spot Urine Specimens Among Adults 18-39 Years**

**Chia-Yih Wang**, Natl Ctr for Health Statistics, CDC, Hyattsville, MD; Alicia L. Carriquiry, Dept of Statistics, Iowa State Univ, Ames, IA; Te-Ching Chen, Natl Ctr for Health Statistics, CDC, Hyattsville, MD; Catherine M. Loria, Natl Heart, Lung, and Blood Inst, NIH, Bethesda, MD; Christine M. Pfeiffer, Natl Ctr for Environmental Health, CDC, Atlanta, GA; Kiang Liu, Feinberg Sch of Med, Northwestern Univ, Chicago, IL; Christopher T. Sempos, Office of Dietary Supplements, NIH, Bethesda, MD; Cria G. Perrine, Mary E. Cogswell, Natl Ctr for Chronic Disease Prevention and Health Promotion, CDC, Atlanta, GA

**P329 High-Sensitivity C-Reactive Protein is Associated With Incident Type 2 Diabetes Mellitus Among African-Americans: The Jackson Heart Study**

**Valery S. Effe**, Wake Forest Sch of Med, Winston Salem, NC; Adolfo Correa, Univ of Mississippi Medical Ctr, Jackson, MS; Haiying Chen, Wake Forest Sch of Med, Winston Salem, NC; Mary E. Lacy, Brown Univ, Providence, RI; Alain G. Bertoni, Wake Forest Sch of Med, Winston Salem, NC



# Poster Presentations (continued)

## P330 Video-Conference Shared Medical Appointments Improves Rural Diabetes Care

**Lisa S. Tokuda**, Lenora L. Lorenzo, Veterans Affairs Pacific Islands Healthcare system, Honolulu, HI; Lynn M. Marquis, Veterans Affairs Cardiology Div, Providence, RI; Margarita Clayton, Andre G. Theriault, Veterans Affairs Pacific Islands Healthcare system, Honolulu, HI; Tracey H. Taveira, Veterans Affairs Medical Ctr, Providence, RI; Helene H. Head, Veterans Affairs Pacific Islands Healthcare system, Agana Heights, GU; David E. Edelman, Veterans Affairs Medical Ctr, Internal Med, Durham, NC; Susan R. Kirsh, David C. Aron, Veterans Affairs Medical Ctr, Internal Med Div, Cleveland, OH; Wen-Chih Wu, Veterans Affairs Medical Ctr, Cardiology Div, Providence, RI

## P331 Ethnic Differences in Glycosylation Indices in Non-Diabetic Adults: The Diabetes, Heart and Health Survey

**Patricia A. Metcalf**, Gerhard Sundborn, Rod T. Jackson, Univ of Auckland, Auckland, New Zealand

(P332 is being presented on Wednesday and placed next to P157 in the poster hall)

## P333 Diabetes: Coronary Heart Disease Risk Equivalent or Risk Factor? The REasons for Geographic and Racial Differences in Stroke Study

**Favel L. Mondesir**, Todd M. Brown, Paul Muntner, Raegan W. Durant, Monika M Safford, Emily B. Levitan, The Univ of Alabama at Birmingham, Birmingham, AL

## P334 Ankle-Brachial Index and Future Diabetes: The Atherosclerosis Risk in Communities (ARIC) Study

**Simin Hua**, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD; Laura Loehr, Univ of North Carolina Gillings Sch of Global Public Health, Chapel Hill, NC; Hirofumi Tanaka, Univ of Texas at Austin, Austin, TX; Gerardo Heiss, Univ of North Carolina Gillings Sch of Global Public Health, Chapel Hill, NC; Josef Coresh, Elizabeth Selvin, Kunihiro Matsushita, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD

## P335 High-sensitive C-reactive Protein and Risk of Undiagnosed and Incident Diabetes: The Singapore Chinese Health Study

**An Pan**, Natl Univ of Singapore, Singapore, Singapore; Jian-Min Yuan, Univ of Pittsburgh Cancer Inst, Pittsburgh, PA; Woon-Puay Koh, Duke-NUS Graduate Medical Sch Singapore, Singapore, Singapore

## P336 Severe Hypoglycemia as an Independent Coronary Artery Disease Risk Factor in Diabetes Patients of Different Vascular Risk: A Retrospective Longitudinal Cohort Study

**Aaron Leong**, Seth A. Berkowitz, Virginia A. Triant, Bianca Porneala, Wei He, Steven J. Atlas, Deborah J. Wexler, James B. Meigs, Massachusetts General Hosp, Boston, MA

## P337 Association of Glucose Intolerance and Insulin Resistance with Incident Cardiovascular Disease in a Japanese Urban Cohort: The Suita Study

**Yoshihiro Kokubo**, Makoto Watanabe, Aya Higashiyama, Yoko M. Nakao, Takashi Kobayashi, Takuya Watanabe, Yoshihiro Miyamoto, Natl Cerebral and Cardiovascular Ctr, Suita, Japan

## P338 Diurnal Salivary Cortisol is Associated with Increased Glycemia and Insulin Resistance: The Multiethnic Study of Atherosclerosis

**Joshua J. Joseph**, Johns Hopkins Univ Sch of Med, Baltimore, MD; Steven X. Wang, Sch of Public Health, Drexel Univ, Philadelphia, PA; Elias Spanakis, Univ of Maryland Sch of Med, Baltimore, MD; Ana Diez Roux, Sch of Public Health, Drexel Univ, Philadelphia, PA; Teresa Seeman, Div of Geriatrics, David Geffen Sch of Med, UCLA, Los Angeles, CA; Gary Wand, Johns Hopkins Univ Sch of Med, Baltimore, MD; Belinda Needham, Dept of Epidemiology, Univ of Michigan, Ann Arbor, MI; Sherita H. Golden, Johns Hopkins Univ Sch of Med, Baltimore, MD

## P339 Glycemic Excursions and Cognitive Function in Older Adults With Diabetes

**Andreea Rawlings**, A. Richey Sharrett, Nisa Maruthur, Christina Parrinello, Casey Rebholz, Johns Hopkins Univ, Baltimore, MD; Michael Steffes, Univ of Minnesota, Minneapolis, MN; Elizabeth Selvin, Johns Hopkins Univ, Baltimore, MD

## P340 Prevalence of Cognitive Dysfunction Among Older Adults With Diabetes

**Andreea Rawlings**, A. Richey Sharrett, Johns Hopkins Univ, Baltimore, MD; David Knopman, Mayo Clinic, Rochester, MN; Christina Parrinello, Johns Hopkins Univ, Baltimore, MD; Priya Palta, Lisa Wruck, Univ of North Carolina, Chapel Hill, NC; Karen Bandeen-Roche, Rebecca Gottesman, Marilyn Albert, Josef Coresh, Johns Hopkins Univ, Baltimore, MD; Thomas Mosley, Univ of Mississippi, Jackson, MS; Elizabeth Selvin, Johns Hopkins Univ, Baltimore, MD

## P341 Nonalcoholic Fatty Liver Disease (NAFLD) and Risk of Incident Cognitive Impairment

**Kristine S. Alexander**, Neil A. Zakai, Sarah R. Gillett, Steven D. Lidofsky, Peter W. Callas, Univ of Vermont, Burlington, VT; Fred Unverzagt, Indiana Univ, Indianapolis, IN; Virginia Wadley, Suzanne E. Judd, Univ of Alabama at Birmingham, Birmingham, AL; Mary Cushman, Univ of Vermont, Burlington, VT

# Poster Presentations (continued)

**P342 Periodontal Bacteria, Prevalent Prediabetes and Plasma Glucose Progression: The Oral Infections, Glucose Intolerance and Insulin Resistance Study (ORIGINS)**  
**Ryan T. Demmer**, Columbia Univ, New York, NY; David R. Jacobs Jr, Univ of Minnesota, Minneapolis, MN; Richa Singh, Columbia Univ, New York, NY; Aleksandra Zuk, Univ of Toronto, Toronto, ON, Canada; Michael Rosenbaum, Panos N. Papapanou, Moïse Desvarieux, Columbia Univ, New York, NY

**P343 Using Semi-Parametric Models to Examine the Association Between Changes in Animal-Source and Fat Calories Over 18 Years With the Distribution of Hba1c in Chinese Adults**  
**Samantha M. Attard**, Annie-Green Howard, Amy H. Herring, Barry M Popkin, Penny Gordon-Larsen, Univ of North Carolina - Chapel Hill, Chapel Hill, NC

**P344 Association of Diabetes and Cancer Mortality in American Indians: The Strong Heart Study**  
 Esther García-Esquinas, Univ Autónoma de Madrid, Madrid, Spain; **Lyle Best**, Missouri Breaks Industries Res Inc, Timber Lake, SD; Yeh Jeun-Liang, Fawn Yeh, Ying Zhang, Elisa Lee, Ctr for American Indian Health Res, Coll of Public Health, Univ of Oklahoma Health Sciences Ctr, Oklahoma City, OK; Barbara Howard, MedStar Health Res Inst, Hyattsville, MD; John Farley, Division of Gynecology Oncology, Dept of Obstetrics and Gynecology, Creighton Univ Sch of Med at St. Joseph's Hosp and Medical Ctr, Phoenix, AZ; Thomas Welty, Missouri Breaks Industries Res Inc, Timber Lake, SD; Dorothy Rhoades, Stephenson Cancer Ctr and Dept of Med, Univ of Oklahoma Health Sciences Ctr, Oklahoma City, OK; Everett Rhoades, Ctr for American Indian Health Res, Coll of Public Health, Univ of Oklahoma Health Sciences Ctr, Oklahoma City, OK; Jason Umans, MedStar Health Res Inst, Hyattsville, MD; Ana Navas-Acien, Dept of Environmental Health Sciences, Johns Hopkins Univ Bloomberg Sch of Public Health, Baltimore, MD

**P345 Incremental Predictive Value of Serum Aspartate Aminotransferase to Alanine Aminotransferase Ratio for Incident Metabolic Syndrome: The ARIRANG Study**  
**Jangyoung Kim**, Jong Teak Park, Sang Back Koh, Song Vogue Ahn, Yong Kwan Cheong, Wonju Coll of Med, Yonsei Univ., Wonju, Korea, Democratic People's Republic of

**P346 Racial and Ethnic Differences in 30-Day Readmission and 1-Year Mortality Among Patients Hospitalized for Heart Failure**  
**Heidi Mochari-Greenberger**, Columbia Univ Medical Ctr, New York, NY; Laura P. Cohen, Columbia Univ Medical Ctr/New York Presbyterian-Hosp, New York, NY; Ming Liao, Columbia Univ Medical Ctr, New York, NY; Lori Mosca, Columbia Univ Medical Ctr/New York Presbyterian Hosp, New York, NY

**P347 Risk of Incident Coronary Heart Disease Events in Men Compared to Women by Menopause Type and Race**  
**Catherine Kim**, Univ of Michigan, Ann Arbor, MI; Mary Cushman, Univ of Vermont, Burlington, VT; Yulia Khodneva, Univ of Alabama, Birmingham, AL; Lynda D. Lisabeth, Univ of Michigan, Ann Arbor, MI; Suzanne Judd, Univ of Alabama, Birmingham, AL; Dawn O. Kleindorfer, Univ of Cincinnati, Cincinnati, OH; Virginia J. Howard, Monika M. Safford, Univ of Alabama, Birmingham, AL

**P348 Lower Odds of Post-Stroke Depression Among Hispanics in New York City: Findings From the Stroke Warning Information and Faster Treatment (SWIFT) Study**  
**Emily Goldmann**, Eric Roberts, Nina Parikh, Heather M. Kuczynski, Bernadette Boden-Albala, New York Univ, New York, NY

**P349 A Randomized Trial of a High Potassium Dietary Intervention to Lower Blood Pressure in Urban African Americans With Hypertension in the Primary Care Setting: The "Five Plus Nuts and Beans" Trial**  
**Edgar R. Miller III**, Lisa A. Cooper, Kathryn A. Carson, Nae-Yuh Wang, Lawrence J. Appel, Debra Gayles, Jeanne Charleston, Karen White, Arlene T. Dalcin, Michelle Martin-Daniels, Barbara Bates-Hopkins, Michael Albert, Hsin-Chieh Yeh, Johns Hopkins Univ, Baltimore, MD

(P350 is being presented on Tuesday next to P090 in the poster hall)

**P351 Sick Population and Sick Subpopulations: Racial Disparities in Coronary Heart Disease Risk in the United States**  
**Yuan Lu**, Kaveh Hajifathalian, Peter Ueda, Harvard Sch of Public Health, Boston, MA; Majid Ezzati, Imperial Coll London, London, United Kingdom; Eric Rimm, Harvard Medical Sch, Boston, MA; Goodarz Danaei, Harvard Sch of Public Health, Boston, MA

**P352 Racial/Ethnic Differences in Cardiovascular Disease Outcomes among Patients with Hypertension or Type 2 Diabetes**  
**Jia Pu**, Sukyung Chung, Beinan Zhao, Vani Nimbal, Elsie J. Wang, Palo Alto Medical Fndn, Palo Alto, CA; Stephen P. Fortmann, Kaiser Permanente Ctr for Health Res, Portland, OR; Latha P. Palaniappan, Palo Alto Medical Fndn, Palo Alto, CA

# Poster Presentations (continued)

**P353 Cardiometabolic Risk is Related to Body Size Misperception and Knowledge of Cardiovascular Disease in Young Hispanic Women**

**Dena E. Hayes**, Juviza K. Rodriguez, Robert R. Sciacca, Elsa-Grace V. Giardina, Columbia Univ, New York, NY

**P354 The “Afro-Cardiac Study” Identifies High Burden of Cardiovascular Disease Risk in West African Immigrants in the United States**

**Yvonne Y. Commodore-Mensah**, Johns Hopkins Univ, Baltimore, MD; Charles A. Berko, St. Agnes Hosp, Baltimore, MD; Maame E. Sampah, Joycelyn Cudjoe, Cheryl D. Himmelfarb, Johns Hopkins Univ, Baltimore, MD

**P355 Mendelian Randomization Supports Causality Between Maternal Hyperglycemia and Fetal Metabolic Programming by Leptin Epigenetic Modulation**

**Marie-France Hivert**, Harvard Pilgrim Health Care Inst, Boston, MA; Catherine Allard, Veronique Desgagne, Julie Patenaude, Marilyn Lacroix, Laetitia Guillemette, Marie-Claude Battista, Myriam Doyon, Julie Menard, Jean-Luc Ardilouze, Patrice Perron, Luigi Bouchard, Univ de Sherbrooke, Sherbrooke, QC, Canada

**P356 The Temporal Relationship Between Body Mass Index and DNA Methylation: Longitudinal Epigenome-Wide Association From the Bogalusa Heart Study**

**Dianjianyi Sun**, Dept of Epidemiology, Tulane Univ, New Orleans, LA; Xiaojing Xu, Georgia Prevention Inst, Georgia Regents Univ, Augusta, GA; Xiaoying Fu, Dept of Biostatistics and Bioinformatics, Tulane Univ, New Orleans, LA; Shengxu Li, Camilo Fernandez, Dept of Epidemiology, Tulane Univ, New Orleans, LA; Liming Li, Dept of Epidemiology, Peking Univ Health Science Ctr, Beijing, China; Shaoyong Su, Xiaoning Wang, Georgia Prevention Inst, Georgia Regents Univ, Augusta, GA; Tao Chen, Yun Lian, Quan-Zhen Li, Microarray Core Facility, Univ of Texas Southwestern Medical Ctr, Dallas, TX; Wei Chen, Sathanur Srinivasan, Gerald Berenson, Dept of Epidemiology, Tulane Univ, New Orleans, LA

**P357 Genome-Wide Association Study of the PR Interval in Hispanic Populations**

**Amanda A. Seyerle**, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Henry J. Lin, Los Angeles Biomedical Res Inst at Harbor-UCLA Medical Ctr, Torrance, CA; Stephanie M. Gogarten, Univ of Washington, Seattle, WA; Elsayed Z. Soliman, Wake Forest Sch of Med, Winston-Salem, NC; Susan R. Heckbert, Kathleen F Kerr, Univ of Washington, Seattle, WA; Charles Kooperberg, Fred Hutchinson Cancer Res Ctr, Seattle, WA; Carlos J. Rodriguez, Wake Forest Sch of Med, Winston-Salem, NC; Xiuqing Guo, Los Angeles Biomedical Res Inst at Harbor-UCLA Medical Ctr, Torrance, CA; Kelli K. Ryckman, Univ of Iowa, Iowa City, IA; Jie Yao, Los Angeles Biomedical Res

Inst at Harbor-UCLA Medical Ctr, Torrance, CA; Nona Sotoodehnia, Univ of Washington, Seattle, WA; Kent D. Taylor, Los Angeles Biomedical Res Inst at Harbor-UCLA Medical Ctr, Torrance, CA; Eric Whitsel, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Jerome I. Rotter, Los Angeles Biomedical Res Inst at Harbor-UCLA Medical Ctr, Torrance, CA; Cathy Laurie, Univ of Washington, Seattle, WA; Christy L. Avery, Univ of North Carolina at Chapel Hill, Chapel Hill, NC

**P358 Discovery Loci and Generalization of Platelet Count Associations in the Hispanic Community Health Study: Study of Latinos (HCHS/SOL)**

**Chani J. Hodonsky**, Univ of North Carolina Gillings Sch of Public Health, Chapel Hill, NC; Ursula Schick, Jean Morrison, Cathy Laurie, Univ of Washington, Seattle, WA; John H. Eckfeldt, Univ of Minnesota, Minneapolis, MN; Timothy Thornton, Univ of Washington, Seattle, WA; Kari E. North, Univ of North Carolina Gillings Sch of Public Health, Chapel Hill, NC; Alex P. Reiner, Univ of Washington, Seattle, WA

**P359 A Sickle Cell Variant Associates With Urine Albumin Excretion in Genome Wide Association Study of Hispanics: The HCHS/SOL Study**

**Nora Franceschini**, Univ of North Carolina, Chapel Hill, NC; Adrienne Stilp, Univ of Washington, Seattle, WA; Christina L. Wassel, Univ of Pittsburgh, Pittsburgh, PA; Holly J. Mattix-Kramer, Loyola Univ, Chicago, IL; Michael F. Flessner, (5) Natl Insts of Diabetes and Digestive and Kidney Diseases, Bethesda, MD; Rebekah S. Rasooly, Natl Insts of Diabetes and Digestive and Kidney Diseases, Bethesda, MD; Jianwen Cai, Univ of North Carolina, Chapel Hill, NC; Cathy C. Laurie, Univ of Washington, Seattle, WA

**P360 Meta-Analysis of up to 14,262 Individuals Identifies Loci Associated with Measures of Subcutaneous Fat Volume and Attenuation**

**Audrey Y. Chu**, NHLBI-Framingham/NIH, Framingham, MA; Matthew Allison, Dept of Family and Preventive Med, Univ of California San Diego, La Jolla, CA; Ingrid Borecki, Ctr for Genome Sciences, Dept of Genetics, Washington Univ Sch of Med, St. Louis, MO; Audrey C. Choh, Wright State Univ Boonshoft Sch of Med, Dayton, OH; L. Adrienne Cupples, Boston Univ Sch of Public Health, Boston, MA; Ellen Demerath, Univ of Minnesota Sch of Public Health, Minneapolis, MN; Xuan Deng, Boston Univ Sch of Public Health, Boston, MA; Mary Feitosa, Ctr for Genome Sciences, (3) Dept of Genetics, Washington Univ Sch of Med, St. Louis, MO; Virginia Fisher, Boston Univ Sch of Public Health, Boston, MA; Caroline S. Fox, NHLBI-Framingham/NIH, Framingham, MA; Tamara Harris, Tamara Harris, NIA/NIH, Bethesda, MD; Nancy Heard-Costa, Boston Univ Sch of Public Health, Boston, MA; Tim Kacprowski, Univ Med and Ernst-Moritz-Arndt Univ Greifswald,

# Poster Presentations (continued)

- Interfaculty Inst for Genetics and Functional Genomics, Dept of Functional Genomics, Greifswald, Germany; Carl Langefeld, Ctr for Public Health Genomics and Dept of Biostatistical Sciences, Wake Forest Univ, Winston-Salem, NC; Cecilia M. Lindgren, Program in Medical and Population Genetics, Broad Inst of Harvard and MIT, Cambridge, MA, United States; Wellcome Trust Ctr for Human Genetics, Univ of Oxford, Oxford, United Kingdom; Lingyi Lu, Yongmei Liu, Wake Forest Sch of Med, Winston-Salem, NC; Anubha Mahajan, Wellcome Trust Ctr for Human Genetics, Univ of Oxford, Oxford, United Kingdom; Jeanette Stafford, Wake Forest Sch of Med, Winston-Salem, NC; Albert Smith, Icelandic Heart Association, Kopavogur, Iceland; Henry Völzke, Univ Med Greifswald, Inst for Community Med, Greifswald, Germany; Henri Wallaschofski, Univ Med Greifswald, Inst of Clinical Chemistry and Lab Med, Greifswald, Germany; Jie Yao, Los Angeles Biomedical Res Inst at Harbor-UCLA Medical Ctr, Torrance, CA
- P361 The First Genome-Wide Association Study (GWAS) of GlycA, an NMR-Derived Marker of Inflammation, Reveals Associations With a Variant in the Intron of TXNL4B Across Two Cohorts**  
**Alexis C. Frazier-Wood**, Baylor Coll of Med, Houston, TX; Stella Aslibekyan, Univ of Alabama at Birmingham, Birmingham, AL; Ingrid B. Borecki, Washington Univ, St Louis, MO; Jose M Ordovas, Tufts Univ, Boston, MA; Jerome I Rotter, UCLA, Torrance, CA; Michael Y. Tsai, Univ of Minnesota, Minneapolis, MN; Donna K. Arnett, Univ of Alabama at Birmingham, Birmingham, AL; Stephen S. Rich, Univ of Virginia, Charlottesville, VA
- P362 Association of DNA Methylation Age With Risk of Type 2 diabetes: The Atherosclerosis Risk in Communities (ARIC) Study**  
**Nicholas S. Roetker**, James S. Pankow, Heather H. Nelson, Weihua Guan, Univ of Minnesota, Minneapolis, MN; Chindo Hicks, Thomas Mosley, Univ of Mississippi Medical Ctr, Jackson, MS
- P363 Circulating Soluble CD163 and Risk of Cardiovascular Disease and All-Cause Mortality in Older Persons: The Cardiovascular Heart Study (CHS)**  
**Jon P. Durda**, Univ of Vermont, Colchester, VT
- P364 Genetic Susceptibility to Particulate Matter-Associated QT Prolongation in a Trans-Ethnic Genome-Wide Association Study**  
**Rahul Gondalia**, On behalf of MOPMAP, Univ of North Carolina Gillings Sch of Global Public Health, Chapel Hill, NC
- P365 A Variant Impacting Beta-Oxidation of Medium-Chain Fatty Acids is Associated With Response to Triglyceride Challenge and Lipoprotein Subfractions**  
**Laura M. Yerges-Armstrong**, Braxton D. Mitchell, Toni I. Pollin, Coleen M. Damcott, Alan R. Shuldiner, Jeffrey R. O'Connell, Univ of Maryland Baltimore, Baltimore, MD
- P366 Promoter Methylation of the Monoamine Oxidase a Gene is Associated With Fasting Plasma Glucose: A Monozygotic Twin Study**  
**QIANG AN**, Dept of Epidemiology, Tulane Univ Sch of Public Health and Tropical Med, New Orleans, LA; Viola Vaccarino, Dept of Epidemiology, Emory Univ Sch of Public Health, Atlanta, GA; Jack Goldberg, Vietnam Era Twin Registry, Seattle VA Epidemiology Res and Information Ctr and Dept of Epidemiology, Univ of Washington Sch of Public Health, Seattle, WA; Jinying Zhao, Dept of Epidemiology, Tulane Univ Sch of Public Health and Tropical Med, New Orleans, LA
- P367 Birth Weight Modifies the Association Between Central Nervous System Gene Variation and Adult Body Mass Index**  
**Edward A. Ruiz-Narvaez**, Lynn Rosenberg, Julie R. Palmer, Slone Epidemiology Ctr at Boston Univ, Boston, MA
- P368 Genome Wide Association Study Identifies Susceptibility Loci for Coronary Artery Calcium in Smokers**  
**Sharon M. Lutz**, Univ of Colorado, Anschutz Medical Campus, Aurora, CO; Michael H. Cho, Brigham and Women's Hosp, Boston, MA; Gregory Kinney, Katherine Pratte, Univ of Colorado, Anschutz Medical Campus, Aurora, CO; Richard Casaburi, David Geffen Sch of Med, UCLA, Los Angeles, CA; Edwin Silverman, Brigham and Women's Hosp, Boston, MA; Matthew Budoff, David Geffen Sch of Med, UCLA, Los Angeles, CA; John E. Hokanson, Univ of Colorado, Anschutz Medical Campus, Aurora, CO
- P369 Population Strategies to Reduce Sodium Intake in Iran: A Cost-Effectiveness Analysis**  
**Ashkan Afshin**, Friedman Sch of Nutrition Science & Policy, Tufts Univ, Boston, MA; Saman Fahimi, Harvard Sch of Public Health, Boston, MA; John Powles, Univ of Cambridge, Cambridge, United Kingdom; Goodarz Danaei, Harvard Sch of Public Health, Boston, MA; Dariush Mozaffarian, Friedman Sch of Nutrition Science & Policy, Tufts Univ, Boston, MA
- P370 Cardiovascular Health Metrics, Lifetime Risks of Cardiovascular Disease and Chronic Disease Mortality, and Life Expectancy in Men and Women**  
**Chong Lee**, Arizona State Univ, Phoenix, AZ



# Poster Presentations (continued)

- P371 Prevalence of Cardiometabolically Healthy and Cardiometabolically Unhealthy Peruvians by Body Mass Index Categories: The CRONICAS Cohort Study**  
**Catherine P. Benziger**, Univ of Washington, Seattle, WA; Antonio ` Bernabe-Ortiz, Univ Peruana Cayetano Heredia, Lima, Peru; Robert H. Gilman, William Checkley, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Liam Smeeth, London Sch of Hygiene and Tropical Med, London, United Kingdom; German Malaga, J. Jaime Miranda, Univ Peruana Cayetano Heredia, Lima, Peru; CRONICAS Cohort Study Group
- P372 Increased Aortic Arch Width is an Independent Predictor of Incident Adverse Cardiovascular Disease Events: The Framingham Heart Study**  
**Michael L. Chuang**, Philimon Gona, Rebecca M. Musgrave, Saadia Qazi, Caroline S. Fox, The NHLBI's Framingham Heart Study, Framingham, MA; Joseph M. Massaro, Boston Univ, Boston, MA; Udo Hoffmann, Massachusetts General Hosp, Boston, MA; Christopher J. O'Donnell, The NHLBI's Framingham Heart Study, Framingham, MA
- P373 Predictors of Statin Use for Primary Cardiovascular Disease Prevention in Community Health Centers**  
**Kunal N. Karmali**, Stephen D. Persell, Northwestern Univ, Chicago, IL
- P374 Incidence and Costs of Cardiovascular Events Among High Risk Patients with Hyperlipidemia**  
Machaon M. Bonafede, **Barbara H. Johnson**, Truven Health Analytics, Cambridge, MA; Akshara Richhariya, Shravanthi R. Gandra, Amgen, Inc., Thousand Oaks, CA
- P375 Contemporary Rates and Predictors of Death in Adults with Warfarin-Associated Bleeding Treated with Plasma: The REVERSAL Study**  
**Alan S. Go**, Thomas K. Leong, Kaiser Permanente Northern California, Oakland, CA; Ulla M. Forssen, Douglas M. Watson, CSL Behring, King of Prussia, PA; Sue Hee Sung, Kaiser Permanente Northern California, Oakland, CA; Teresa N. Harrison, Kristi Reynolds, Kaiser Permanente Southern California, Pasadena, CA
- P377 Hospitalizations in a US Population of Adult Patients with Repaired Tetralogy of Fallot**  
**Subeer Wadia**, Rush Univ Medical Ctr, Chicago, IL
- P378 Heart Failure Incidence and Mortality in the Southern Community Cohort Study**  
**Elvis A. Akwo**, Edmond K. Kabagambe, Thomas J. Wang, Frank E. Harrell, William J. Blot, Deepak K. Gupta, Loren Lipworth, Vanderbilt Univ Medical Ctr, Nashville, TN
- P379 Multimorbidity in Heart Failure: The Impact of Number and Type of Comorbid Conditions on Outcomes**  
**Sheila M. Manemann**, Alanna M. Chamberlain, Mayo Clinic, Rochester, MN; Cynthia M. Boyd, Johns Hopkins, Baltimore, MD; Yariv Gerber, Tel Aviv Univ, Tel Aviv, Israel; Shannon M. Dunlay, Susan A. Weston, Ruoxiang Jiang, Veronique L. Roger, Mayo Clinic, Rochester, MN
- P380 Coronary Artery Disease Extent is Predictive of Heart Failure Incidence After Myocardial Infarction**  
**Yariv Gerber**, Tel Aviv Univ, Tel Aviv, Israel; Susan A. Weston, Maurice E. Sarano, Sheila M. Manemann, Alanna M. Chamberlain, Ruoxiang Jiang, Veronique L. Roger, Mayo Clinic, Rochester, MN
- P381 Overlap of Echocardiographic Diastolic Dysfunction Definitions in the Cardia Study**  
**Laura Rasmussen-Torvik**, Laura Colangelo, Northwestern Feinberg Sch of Med, Chicago, IL; Joao Lima, Johns Hopkins Sch of Med, Baltimore, MD; David Jacobs, Univ of Minnesota, Minneapolis, MN; Carlos Rodriguez, Wake Forest Sch of Med, Winston-Salem, NC; Donald Lloyd-Jones, Sanjiv Shah, Northwestern Feinberg Sch of Med, Chicago, IL
- P382 Fried Food Consumption is Associated with a Higher Risk of Heart Failure among US Male Physicians**  
**Luc Djousse**, Andrew Petrone, John M. Gaziano, Brigham & Women's Hosp and Harvard Medical Sch, Boston, MA
- P383 Relationship of Body Mass Index With Total Mortality, Cardiac Mortality and Risk of Hospitalization in Patients With Chronic Heart Failure**  
**Abhishek Sharma**, SUNY Downstate Medical Ctr, Brooklyn, NY; Carl J. Lavie, John Ochsner Heart and Vascular Inst, Ochsner Clinical Sch-the Univ of Queensland Sch of Med, New Orleans, LA, New Orleans, LA; Jeffrey S. Borer, SUNY Downstate Medical Ctr, Brooklyn, NY; Ajay Vallakati, Univ of Kansas, Kansas city, KS; Francisco Lopez-Jimenez, Mayo Coll of Med, Rochester, MN, Rochester, MN; Armin Arbab-Zadeh, Johns Hopkins Univ Sch of Med, Baltimore, MD, Baltimore, MD; Debabrata Mukherjee Mukherjee, Texas Tech Univ, El Paso, TX, El Paso, TX; Edgar Lichstein, Maimonides Medical Ctr, Brooklyn, NY

# Poster Presentations (continued)

- P384 The Impact of Optimal Therapy on Survival of Hospitalized Acute Decompensated Heart Failure: The ARIC Study**  
**Patricia P. Chang**, Lisa M. Wruck, Rachel A. Kloss, Laura R. Loehr, Univ of North Carolina - Chapel Hill, Chapel Hill, NC; Stuart D. Russell, Naresh M. Punjabi, Johns Hopkins Univ, Baltimore, MD; Alain G. Bertoni, Wake Forest Univ, Winston-Salem, NC; Edgar R. Miller, Johns Hopkins Univ, Baltimore, MD; Eyal Shahar, Univ of Arizona, Tucson, AZ; Wayne D. Rosamond, Univ of North Carolina - Chapel Hill, Chapel Hill, NC
- P385 Physical Rehabilitation in Patients With Severe Heart Failure**  
**Elena Kolesnikova**, Gregory Arutyunov, Anna Rylova, Valentina Lobzeva, Pirogov Russian Natl Res Medical Univ, Moscow, Russian Federation
- P386 Pre-hospitalization Medication Use in Black and White Medicare Beneficiaries Hospitalized With Heart Failure**  
**Emily B. Levitan**, Univ of Alabama at Birmingham, Birmingham, AL; Melissa K. Van Dyke, Amgen Inc, Thousand Oaks, CA; Ligong Chen, Meredith L. Kilgore, Todd M. Brown, Raegan W. Durant, Monika M. Safford, Univ of Alabama at Birmingham, Birmingham, AL
- P387 Length of Stay Among Medicare Beneficiaries Hospitalized with Heart Failure**  
**Emily B. Levitan**, Univ of Alabama at Birmingham, Birmingham, AL; Melissa K. Van Dyke, Amgen Inc, Thousand Oaks, CA; Ligong Chen, Meredith L. Kilgore, Todd M. Brown, Raegan W. Durant, Monika M. Safford, Univ of Alabama at Birmingham, Birmingham, AL
- P388 Novel Metabolic Markers for the Risk of Carotid Plaque Progression in American Indians**  
**Yun Zhu**, An Qiang, Tulane Univ, New Orleans, LA; Lyle G. Best, Missouri Breaks Industries Res Inc, Timber Lake, SD; Elisa T. Lee, Ctr for American Indian Health Res, Univ of Oklahoma Health Science Ctr, Oklahoma City, OK; Barbara V. Howard, MedStar Health Res Inst, Hyattsville, MD; Richard B. Devereux, Mary J Roman, Div of Cardiology, Weill Medical Coll of Cornell Univ, New York, NY; Jinying Zhao, Tulane Univ, New Orleans, LA
- P389 Effects of Dietary Patterns on Vitamin D and Other Markers of Bone-Mineral Metabolism: Results From the Dash Trial**  
**Ahmed Hassoon**, Lawrence Appel, Edgar Miller 3rd, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD
- P390 Insulin Resistance Determines Severity of Vascular Inflammation by 18-Fluorodeoxy Glucose PET-CT in Psoriasis**  
**Balaji Natarajan**, Taufiq Salahuddin, Jenny Dave, Martin Playford, Julia Doveikis, Natl Heart, Lung and Blood Inst, Bethesda, MD; Peter Herscovitch, NIH Clinical Ctr, PET department, Bethesda, MD; Nehal Mehta, Natl Heart, Lung and Blood Inst, Bethesda, MD
- P391 Metabolic Syndrome Does Not Associate with an Increase Mortality in End Stage Renal Disease Patients: a Systematic Review and Meta-Analysis**  
**Sikarin Upala**, Anawin Sanguankeo, Bassett Medical Ctr, Cooperstown, NY
- P392 Exome Sequencing From Extreme Responders to Aspirin Identifies a Novel Variant Associated With Platelet Aggregation**  
**Joshua Backman**, Univ of Maryland-Baltimore, Baltimore, MD; Baitang Ning, Natl Ctr for Toxicological Res, Food and Drug Admin, Jefferson, AR; Wensheng Lou, James Perry, Univ of Maryland-Baltimore, Baltimore, MD; Leming Shi, Natl Ctr for Toxicological Res, Food and Drug Admin, Jefferson, AR; Alan Shuldiner, Laura Yerges-Armstrong, Univ of Maryland-Baltimore, Baltimore, MD
- P393 Completeness of Medicare Pharmacy Claims for Lipid-Lowering Medications: the REasons for Geographic And Racial Differences in Stroke (REGARDS) Study**  
**Lisandro D. Colantonio**, Shia T Kent, Monika M. Safford, Elizabeth Delzell, Meredith L. Kilgore, Jeffrey R. Curtis, Paul Muntner, Univ of Alabama at Birmingham, Birmingham, AL
- P394 Opioid Use and Atrial Fibrillation: The Reasons for Geographic and Racial Differences in Stroke (regards) Study**  
**Waqas Qureshi**, Wesley O'neal, Wake Forest Univ Sch of Med, Winston Salem, NC; Monika Safford, Univ of Alabama, Birmingham, AL; Paul Muntner, Yulia Khednova, Suzanne Judd, Virginia Howard, George Howard, Univ of Alabama at Birmingham, Birmingham, AL; Elsayed Soliman, Wake Forest Univ Sch of Med, Winston Salem, NC
- P395 Statin Use in Late Life Does Not Impact Risk of Dementia or Cognitive Change in the Next Few Years: Results of a Systematic Review and Methodological Commentary**  
**Melinda C. Power**, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Jennifer Weuve, Rush Inst for Healthy Aging, Chicago, IL; A. Richey Sharrett, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Deborah Blacker, Harvard Schs of Med and Public Health, Massachusetts General Hosp, Boston, MA; Rebecca F. Gottesman, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD

# Author Index

|                           |                                                                         |                                |                             |                          |                                       |
|---------------------------|-------------------------------------------------------------------------|--------------------------------|-----------------------------|--------------------------|---------------------------------------|
| Abdalla, Marwah           | P012, P202                                                              | Armour, Brian                  | P022                        | Beiser, Alexa            | MP46                                  |
| Abe, Masafumi             | P090, P259                                                              | Arnett, Donna K.               | P311, P361                  | Beiser, Alexa S.         | 13                                    |
| Abella, Joshua            | 06                                                                      | Arnold, Alice M.               | 04, 49                      | Belle, Steven H.         | P249                                  |
| Achtyes, Eric D.          | P008                                                                    | Aron, David C.                 | P330                        | Bello, Natalie           | 45                                    |
| Adair, Linda S.           | 22                                                                      | Aroner, Sarah A.               | 09, <b>MP45</b>             | Bello, Salvador          | P181                                  |
| Adar, Sara                | P084                                                                    | Aronis, Konstantinos N.        | P101                        | Benevente, Oscar         | P199                                  |
| Afshin, Ashkan            | P323, <b>P369</b>                                                       | Arora, Sahel                   | P200                        | Benjamin, Emelia J.      | P099, P101                            |
| Agarwal, Anita            | MP23                                                                    | Arroyo Johnson, Cassandra      | P284                        | Benjamin, Emelia J.      | P091                                  |
| Agarwal, Sunil            | 03, P239                                                                | Arteaga, S S.                  | MP27                        | Benkeser, David          | P299                                  |
| Agarwal, Sunil K.         | P103, P105                                                              | Arutyunov, Gregory             | P385                        | Bennett, Gary G.         | MP27                                  |
| Agatston, Arthur          | P004, P258                                                              | Arweiler, Dominique            | P078, P089                  | Bensenor, Isabela        | MP41                                  |
| Agatston, Arthur S.       | P003, P130                                                              | Arvizu, Mariel                 | <b>P322</b>                 | Benseñor, Isabela J.     | P148                                  |
| Agnew-Blais, Jessica C.   | MP83                                                                    | Ashikaga, Hiroshi              | P094                        | Bensenor, Isabela M.     | P167                                  |
| Agrawal, Shilpa           | <b>P188</b>                                                             | Ashkin, Ashkan                 | MP42                        | Benseñor, Isabela M.     | P191                                  |
| Ahmad, Rameez             | P003, P004                                                              | Aslibekyan, Stella             | P361                        | Bensenor, Isabela M.     | P209, P210                            |
| Ahn, Jiin                 | MP39, P040, P141                                                        | Asuzu, Kammarache              | <b>P130</b>                 | Benziger, Catherine P.   | <b>P371</b>                           |
| Ahn, Song Vogue           | P345                                                                    | Atkins, Janice                 | <b>P049</b>                 | Berardi, Cecilia         | P245                                  |
| Ahuja, Jaspreet           | P031                                                                    | Atlas, Steven J.               | P336                        | Berenson, Gerald         | P356                                  |
| Åkesson, Agneta           | <b>P009</b>                                                             | Attard, Samantha M.            | <b>P343</b>                 | Beresford, Shirley A. A. | P240                                  |
| Akwo, Elvis A.            | <b>P378</b>                                                             | Au, Rhoda                      | MP46                        | Berg, Arthur             | MP70, MP72, MP91, <b>P260</b>         |
| Al Attas, Omar            | P263                                                                    | Auchincloss, Amy               | P081                        | Bergental, Richard       | P296                                  |
| Albert, Christine M.      | P100                                                                    | Auclair, Audrey                | <b>MP94</b>                 | Berger, Peter            | MP07                                  |
| Albert, Marilyn           | P237, P340                                                              | Audrey, Auclair                | P254                        | Bergkvist, Charlotte     | P009                                  |
| Albert, Michael           | P349                                                                    | Austin, Melissa A.             | P240                        | Bergkvist, Marika        | P009                                  |
| Albert, Michelle          | MP80                                                                    | Avery, Christy                 | 07                          | Berglund, Lars           | P306                                  |
| Al-Daghri, Nasser         | P263                                                                    | Avery, Christy L.              | 08, 29, 33, P357            | Berko, Charles A.        | P354                                  |
| Aldana, Paola             | <b>P291</b>                                                             | Aviles-Santa, Larissa          | P248                        | Berkowitz, Seth A.       | P336                                  |
| Aldana, Paola C.          | P145                                                                    | Aviv, Abraham                  | MP44                        | Bernabé-Ortiz, Antonio   | P087                                  |
| Aldridge, Petra           | P200                                                                    | Axiyan, Maihemuti              | P305                        | Bernabe-Ortiz, Antonio   | P371                                  |
| AlEssa, Hala              | <b>20</b>                                                               | Ayers, Colby                   | MP02                        | Bernstein, Leslie        | MP85                                  |
| Alexander, Kristine       | P304                                                                    | Azarpazhooh, Mahmoud Reza      | MP89                        | Berry, Jarett            | MP02                                  |
| Alexander, Kristine S.    | <b>P341</b>                                                             | Aziz, Muhammad                 | P003, P004                  | Berry, Jarett D.         | MP76, P223                            |
| Ali, Shozab               | P003, P004                                                              | Bacchetta, Matthew             | P131                        | Bertisch, Suzie          | MP68, P139                            |
| Al Kharfy, Khalid         | P263                                                                    | Backman, Joshua                | <b>P392</b>                 | Bertoia, Monica L.       | <b>P313</b>                           |
| Al Khudairy, Lena         | <b>P263</b>                                                             | Baena, Cristina                | P053                        | Bertolet, Marnie         | P256                                  |
| Allard, Catherine         | P355                                                                    | Baena, Cristina P.             | <b>P148</b>                 | Bertoni, Alain           | 03, P084, P206                        |
| Allen, Jerilyn            | P264                                                                    | Bahnsen, Judy                  | MP15                        | Bertoni, Alain G.        | P154, P157, P329, P384                |
| Allen, Kirk               | P325                                                                    | Bai, Lina                      | MP92, P256                  | Bertù, Lorenza           | P077                                  |
| Allen, Norrina            | 03                                                                      | Bairey Merz, Noel              | P188                        | Best, Lyle               | <b>P344</b>                           |
| Allen, Norrina B.         | <b>48, MP04, MP22, P092</b>                                             | Bajwa, Pravleen                | P284                        | Best, Lyle G.            | P123, P388                            |
| Allison, Matthew          | P360                                                                    | Baker, Annette L.              | P138                        | Betterncourt, Laura      | P088                                  |
| Allison, Matthew A.       | 31, MP45, <b>MP57</b> ,<br>P067, P128, P154,<br><b>P161, P162, P245</b> | Bakker, Stephan J.             | P307                        | Beulens, Joline          | 16, MP24                              |
| Alluhaidan, Ala           | MP59                                                                    | Bakker, Stephan J. L.          | P324                        | Beulens, Joline W.       | <b>P307, P308</b>                     |
| Almahmoud, Mohamed Faher  | <b>MP55, P102</b>                                                       | Balakrishnan, Poojitha         | <b>P197</b>                 | Beulens, Joline W. J.    | P236                                  |
| Al-Mallah, Mouaz          | MP03                                                                    | Balasubramanian, Bijal         | P282                        | Bezerra, Daniel C.       | P191                                  |
| Al-Mallah, Mouaz H.       | MP03                                                                    | Baldwin, Carol M.              | P072                        | Bhatt, Siya              | P069                                  |
| Alman, Amy C.             | <b>P154</b>                                                             | Ballantyne, Christie           | MP43, P217                  | Bhupathiraju, Shilpa     | 20, P042                              |
| Almeida, Flávio R.        | P268                                                                    | Ballantyne, Christie M.        | 14, 45,<br>MP47, P244, P297 | Bhupathiraju, Shilpa N.  | 18, MP14                              |
| Almeida, Vitor R.         | P268                                                                    | Ballew, Shoshana               | 02, <b>P160, P169</b>       | Bias, Thomas K.          | MP61, MP62, MP63,<br>P001, P002, P005 |
| Alnosayan, Nagla          | MP59                                                                    | Banach, Maciej                 | P051                        | Bibbins-Domingo, Kirsten | 24, P013                              |
| Al Okail, Majid           | P263                                                                    | Bancks, Michael P.             | <b>P143, P262</b>           | Bidulescu, Aurelian      | P305                                  |
| Alonso, Alvaro            | 47, 51, P015, P021,<br>P091, P097, P104,<br>P108, P189, P237            | Bandeem-Roche, Karen           | P340                        | Bielinski, Suzette J.    | P143, P245                            |
| Alper, Arnold B.          | P168                                                                    | Banfield, Emily C.             | 27                          | Biertho, Laurent         | MP94, P254                            |
| Al Qunaibet, Ada          | P183                                                                    | Bao, Wei                       | <b>P007, P163</b>           | Bilal, Usama             | <b>MP37</b>                           |
| Al-Qunaibet, Ada          | <b>P159</b>                                                             | Barbosa, Alan C.               | P268                        | Bilbro, Augusta          | P016                                  |
| Al Rifai, Mahmoud         | MP03                                                                    | Barboza, Miriane               | P267, P268, P269            | Biron, Simon             | MP94, P254                            |
| Al Rifai, Mahmoud S.      | <b>P176</b>                                                             | Barchowsky, Aaron              | P010                        | Bittencourt, Marcio S.   | <b>MP41</b>                           |
| Alshurafa, Nabil          | MP64                                                                    | Barinas-Mitchel, Emma          | P177                        | Bittencourt, Marcio S.   | P191                                  |
| Alssema, Marjan           | MP13                                                                    | Barinas-Mitchell, Emma         | MP92, P256                  | Bittencourt, Marcio S.   | P209                                  |
| Althouse, Andrew          | P165                                                                    | Barlow, Carolyn E.             | <b>P282</b>                 | Bixler, Edward           | MP71                                  |
| Ambale-Venkatesh, Bharath | P094, P182                                                              | Barnet, Jodi H.                | MP69                        | Bixler, Edward O.        | MP70, MP72, MP91, P260                |
| Amer, Muhammad            | P228                                                                    | Barnett, Tracie A.             | MP28, <b>MP29</b>           | Blackburn, Elizabeth     | P123                                  |
| Amouyel, Philippe         | P078, P089                                                              | Barone Gibbs, Bethany          | <b>P055, P249</b>           | Blackler, Deborah        | P395                                  |
| AN, QIANG                 | <b>P366</b>                                                             | Barrientos-Gutierrez, Tonatiuh | P081                        | Blades, Natalie J.       | 04                                    |
| Anderson, Aaron           | P320                                                                    | Batch, Bryan C.                | MP27, P122                  | Blaha, Michael           | P210                                  |
| Anderson, Cheryl          | P115                                                                    | Bates-Hopkins, Barbara         | P349                        | Blaha, Michael J.        | 11, MP03, MP78, P176                  |
| Anderson, Cheryl A. M.    | 21, P266                                                                | Battista, Marie-Claude         | P355                        | Blair, Steven N.         | MP76, P064, P211                      |
| Aneni, Himen              | P003, P004, P130, P258                                                  | Baum, Marianna K.              | P227, P231                  | Blair, Steven N.         | MP05                                  |
| Aouizerat, Bradley E.     | P300                                                                    | Baumgardner, Jason             | P203                        | Blair, Tammie            | P228                                  |
| Appel, Lawrence           | MP43, P169, P389                                                        | Baumgardner, Jason L.          | P208                        | Blanco, Estela           | P136                                  |
| Appel, Lawrence J.        | 21, 30, MP95,<br>P115, P168, P266, P349                                 | Bavishi, Chirag                | 52                          | Blank, Arthur            | P310                                  |
| Appiah, Duke              | <b>MP53</b>                                                             | Baxter, Janet                  | P048                        | Blankstein, Ron          | P176                                  |
| Arantes, Rodolfo L.       | P267, P268, P269                                                        | Baylin, Ana                    | <b>P242</b>                 | Blot, William J.         | P378                                  |
| Arbab-Zadeh, Armin        | P383                                                                    | Bazo-Alvarez, Juan C.          | P087                        | Bluemke, David           | P182, P212                            |
| Ardilouze, Jean-Luc       | P355                                                                    | Bazzano, Lydia                 | MP26, MP68, P139            | Blumenthal, Roger        | MP43, P176                            |
| Arel, Roxane              | MP20                                                                    | Bazzano, Lydia A.              | P205                        | Blumenthal, Roger S.     | 11, 14, 45, MP78, P244                |
| Arguelles, William        | 31                                                                      | Beaty, Terri                   | P197                        | Boden-Albala, Bernadette | P348                                  |
| Arking, Dan E.            | P105                                                                    | Beck, James                    | P131                        | Bodomova, Marina         | P256                                  |
| Armah, Kaku A.            | P230                                                                    | Becker, Diane M.               | P190                        | Boehm, Julia             | MP82                                  |
|                           |                                                                         | Becker, Lewis C.               | P190                        | Boerwinkle, Eric         | MP48                                  |
|                           |                                                                         | Beckner, William               | P095                        | Boffetta, Paolo          | P006                                  |
|                           |                                                                         | Bedimo, Roger J.               | P230                        | Boger-Megiddo, Inbal     | <b>P166</b>                           |
|                           |                                                                         | Bedra, McKenzie E.             | MP10                        | Bonaccio, Marialaura     | P316, P326                            |

# Author Index (continued)

|                               |                                |                              |                                |                                  |                                     |
|-------------------------------|--------------------------------|------------------------------|--------------------------------|----------------------------------|-------------------------------------|
| Bonafede, Machaon M. ....     | P374                           | Carr, J. J. ....             | P262, P311                     | Choi, Hyungwon ....              | P034, P327                          |
| Bonsenor, Isabela M. ....     | P218                           | Carr, J. Jeffrey ....        | MP04                           | Choi, Yuni ....                  | MP39, <b>P040</b> , P045,           |
| Booth, John N. ....           | P012, <b>P051</b> , P202, P271 | Carr, John J. ....           | P154, P185                     | .....                            | P141, P179, P181, P184              |
| Borecki, Ingrid ....          | P360                           | Carriquiry, Alicia ....      | P092                           | Chomistek, Andrea K. ....        | 25, <b>MP01</b> , P047              |
| Borecki, Ingrid B. ....       | P361                           | Carriquiry, Alicia L. ....   | P328                           | Chor, Dora ....                  | MP41, P209                          |
| Borer, Jeffrey S. ....        | P383                           | Carroll, Aaron ....          | P121                           | Choudhry, Niteesh K. ....        | MP66                                |
| Borgi, Lea ....               | <b>MP17</b>                    | Carroll, Dianna ....         | P022                           | Choudhry, Sohail R. ....         | P041                                |
| Borkar, Shirish S. ....       | P280                           | Carson, April P. ....        | <b>P171</b> , P206             | Chow, Eric K. ....               | .....02                             |
| Bosworth, Hayden B. ....      | MP27                           | Carson, Kathryn A. ....      | P349                           | Chowdhury, Rajiv ....            | P053                                |
| Bots, Michiel L. ....         | MP90                           | Carty, Cara ....             | .....56                        | Christian, Adam ....             | MP61, MP62, MP63,                   |
| Bouchard, Claude ....         | P213                           | Carty, Cara L. ....          | <b>MP44</b>                    | .....                            | P001, P002, <b>P005</b>             |
| Bouchard, Luigi ....          | P355                           | Carvalho, Jose A. M. ....    | P060                           | Christoph, Mary J. ....          | <b>P245</b>                         |
| Boutouyrie, Pierre ....       | P116                           | Casaburi, Richard ....       | P368                           | Christy, Catherine ....          | P200                                |
| Boutsalis, George ....        | P226                           | Casper, Michele ....         | MP09                           | Chu, Audrey Y. ....              | P360                                |
| Bower, Julie K. ....          | <b>P246</b>                    | Cassidy-Bushrow, Andrea .... | P133                           | Chuang, Michael L. ....          | P187, <b>P372</b>                   |
| Bowman, Barbara ....          | .....05                        | Castañeda, Sheila F. ....    | 36, MP23, P248                 | Chugh, Atul ....                 | P182                                |
| Boyd, Cynthia M. ....         | P379                           | Castellanos, Yeny Z. ....    | P054, P207                     | Chui, Kenneth K. ....            | P028                                |
| Boyer, Bert B. ....           | P240                           | Cather, Corinne ....         | P008                           | Chun, Hyejin ....                | P063                                |
| Brackett, Rachel ....         | P246                           | Catov, Janet ....            | P165                           | Chung, Ick-Mo ....               | <b>P063</b>                         |
| Bracone, Francesca ....       | P316, P326                     | Catov, Janet M. ....         | P164                           | Chung, Kyong-Mee ....            | P063                                |
| Bradlee, M. Loring ....       | 26, MP54                       | Catzin-Kuhlmann, Andres .... | P074, P309                     | Chung, Misook ....               | P113                                |
| Bradshaw, Patrick T. ....     | .....44                        | Catzin-Kuhlmann, Andrés .... | P180                           | Chung, Stephanie ....            | P291                                |
| Brady, Tammy M. ....          | <b>P134</b>                    | Catzin-Kuhlmann, Andres .... | P322                           | Chung, Stephanie T. ....         | P145                                |
| Brawner, Clinton A. ....      | MP03, MP78                     | Ceglarek, Uta ....           | P150                           | Chung, Sukyung ....              | P352                                |
| Bray, George ....             | MP25                           | Cesana, Giancarlo ....       | P077, P078, P089               | Church, Timothy S. ....          | MP76, P213                          |
| Bray, George A. ....          | P150, P243                     | Cespedes, Sandino ....       | MP73                           | Church, Timothy S. ....          | MP05                                |
| Brenner, Hermann ....         | P285                           | Chakladar, Sujatro ....      | .....08, 29, 33                | Claggett, Brian ....             | P124                                |
| Broedl, Uli C. ....           | P332                           | Chakravorty, Subhagit ....   | P069                           | Clapp, Jennifer ....             | P031                                |
| Bromfield, Samantha G. ....   | <b>P206</b>                    | Chamberlain, Alanna M. ....  | <b>P108</b> , P379, P380       | Clarke, Philippa ....            | P084                                |
| Brooks, Maria M. ....         | P186                           | Chambless, Lloyd ....        | .....03                        | Clayton, Margarita ....          | P330                                |
| Brouwer, Ingeborg A. ....     | P314                           | Chambless, Lloyd E. ....     | MP56, P078, P089               | Cobb, Laura ....                 | .....45                             |
| Brown, Todd M. ....           | P100, P333, P386, P387         | Chamnan, Parinya ....        | MP93                           | Cobb, Laura K. ....              | <b>P266</b> , P275                  |
| Brudi, Philippe ....          | P214                           | Champagne, Catherine ....    | P243                           | Coblyn, Jonathan ....            | P216                                |
| Brunet, Jennifer ....         | P071                           | Chan, Andrew T. ....         | MP18                           | Cogswell, Mary ....              | P031                                |
| Buckley, Lucy ....            | P138                           | Chan, Cheelin ....           | .....43                        | Cogswell, Mary E. ....           | P036, P092, P328                    |
| Budoff, Matthew ....          | MP67, P177, P368               | Chan, Cheeling ....          | P178                           | Cohen, Laura P. ....             | P346                                |
| Budoff, Matthew J. ....       | MP45, P186, P230               | Chan, Khin ....              | .....06                        | Cohen, Randy ....                | <b>52</b>                           |
| Buelna, Christina ....        | 36, MP23                       | Chan, Queenie ....           | 35, P041                       | Coker, Laura H. ....             | .....50                             |
| Buendia, Justin Rene ....     | <b>MP54</b>                    | Chandra, Malini ....         | P302                           | Colangelo, Laura ....            | P381                                |
| Bueno, Hector ....            | P274                           | Chang, Alex R. ....          | 21, <b>MP95</b>                | Colangelo, Laura A. ....         | P066                                |
| Bui, Alexis K. ....           | P032, P219                     | Chang, Chung-Chou H. ....    | P230                           | Colangelo, Laura A. ....         | P065                                |
| Buijsse, Brian ....           | MP24                           | Chang, Melinda J. ....       | MP11                           | Colantonio, Lisandro ....        | P234                                |
| Bullard, Kai M. ....          | MP52                           | Chang, Patricia ....         | .....03                        | Colantonio, Lisandro D. ....     | P051, <b>P393</b>                   |
| Bullen, Bertha L. ....        | P164                           | Chang, Patricia P. ....      | MP48, <b>P384</b>              | Colantuoni, Elizabeth ....       | P197                                |
| Buman, Matthew P. ....        | P072                           | Chang, Shine ....            | .....27                        | Cole, Amanda ....                | P016                                |
| Bundy, Joshua D. ....         | 32, MP40                       | Chang, Yoosoo ....           | MP39, P040, P045,              | Cole, Shelley A. ....            | P123                                |
| Bunker, Clareann ....         | P261                           | .....                        | <b>P141</b> , P179, P181, P184 | Collision, Amira O. ....         | <b>P244</b>                         |
| Bunker, Clareann H. ....      | P298                           | Chaplin, William ....        | P112                           | Colpani, Veronica ....           | <b>P053</b>                         |
| Buring, Julie E. ....         | MP01, P020, P319               | Charleston, Jeanne ....      | 21, P349                       | Columbus, Mindy L. ....          | <b>P256</b>                         |
| Burke, Gregory ....           | .....53                        | Chasens, Eileen R. ....      | P073                           | Commodore-Mensah, Yvonne Y. .... | <b>P354</b>                         |
| Burke, Lora E. ....           | P073, P110,                    | Chatterjee, Samir ....       | MP59                           | Conceicao, Raquel D. O. ....     | P060                                |
| .....                         | <b>P117</b> , P118, P265       | Chaudhry, Sarwat I. ....     | .....04                        | Connell, Alison ....             | <b>P113</b>                         |
| Burton, Jeffrey ....          | P213                           | Chavarro, Jorge E. ....      | P007, P163                     | Conroy, Molly B. ....            | MP92                                |
| Butler, Kenneth R. ....       | MP56                           | Checkley, William ....       | P087, P371                     | Conway, Baqiyah ....             | <b>P011</b>                         |
| Butt, Adeel A. ....           | P230                           | Chen, Chung-Shiuan ....      | MP40, MP86,                    | Cook, Courtney ....              | P115                                |
| Buyske, Steven ....           | .....56                        | .....                        | P174, P205                     | Cook, Nancy R. ....              | MP01                                |
| Buzkova, Petra ....           | 49, 56                         | Chen, Haiying ....           | P157, P329                     | Cook, Robert ....                | P058                                |
| Byambaa, Enkhmaa ....         | <b>P306</b>                    | Chen, Ida ....               | .....56                        | Cooper, Lisa A. ....             | P349                                |
| Byrne, Margaret C. ....       | P108                           | Chen, Jichun ....            | .....54                        | Copeland, Laurel ....            | P133                                |
| Cade, Brian ....              | P070                           | Chen, Jing ....              | 32, MP40, MP86, P168, P174     | Coresh, Josef ....               | 02, 11, 14, 45, P019,               |
| Cai, Jianwen ....             | 36, 44, MP57,                  | Chen, Ligong ....            | P386, P387                     | .....                            | P103, P105, P146, P158, P160, P169, |
| .....                         | P241, P272, P359               | Chen, Lin Y. ....            | 51, P097, P104                 | .....                            | P237, P244, P275, P296, P334, P340  |
| Cainzos Achirica, Miguel .... | P179                           | Chen, Shi ....               | .....46                        | Coresh, Joseph ....              | MP47, P239                          |
| Cainzos-Achirica, Miguel .... | MP39, P040,                    | Chen, Tao ....               | P356                           | Cornelius, Leeann ....           | P303                                |
| .....                         | P141, P181, <b>P184</b>        | Chen, Te-Ching ....          | P328                           | Correa, Adolfo ....              | P203, P329                          |
| Calkins, Hugh ....            | P103                           | Chen, Wei ....               | MP68, P139, P356               | Cormick, Gabriela ....           | P215                                |
| Callas, Peter ....            | P192, P193                     | Chen, Yu ....                | P010                           | Corsino, Leonor ....             | MP27                                |
| Callas, Peter W. ....         | MP88, P341                     | Chen, Yuan ....              | MP43, P019, P297               | Corsino, Leonor C. ....          | P122                                |
| Camhi, Sarah ....             | P274                           | Chen, Zheng ....             | .....46                        | Costacou, Tina ....              | <b>P224</b>                         |
| Camhi, Sarah M. ....          | <b>P289</b>                    | Cheng, Han-Ling ....         | P033                           | Costanzo, Simona ....            | P316, P326                          |
| Campa, Adriana ....           | P227, P231                     | Cheng, Iona ....             | .....56                        | Cotch, Mary Frances ....         | P314                                |
| Campbell, Karen ....          | P048                           | Cheng, Susan ....            | P159, P183                     | Cottrell, Lesley ....            | P137                                |
| Camplain, Ricky ....          | .....03, <b>MP56</b> ,         | Cheong, Yong Kwan ....       | P345                           | Countouris, Malamo ....          | P165                                |
| .....                         | MP60, MP75, P183               | Cheung, Corjena ....         | P288                           | Couper, David ....               | 07, P142, P159, P183, P237          |
| Campos, Hannia ....           | 19, 20, P033, P318             | Cheung, Katharine L. ....    | <b>P192</b>                    | Courtney-Long, Elizabeth ....    | P022                                |
| Canchola, Alison J. ....      | MP85                           | Cheung, Ken ....             | P273                           | Courville, Amber ....            | P291                                |
| Cantu-Brito, Carlos ...       | P074, P180, P309, P322         | Chilton, Robert ....         | P332                           | Cox, Christopher ....            | P134                                |
| Cao, Jie ....                 | P027                           | Chiuvie, Stephanie E. ....   | 25, P047                       | Coxson, Pamela ....              | .....24                             |
| Capewell, Simon ....          | P052, P325                     | Cho, Juhee ....              | MP39, P040, P045,              | Coxson, Pamela G. ....           | P013                                |
| Capistrant, Benjamin ....     | P279                           | .....                        | P141, P179, P181, P184         | Crawford, Dana ....              | .....56                             |
| Carlson, Jordan ....          | P128                           | Cho, Kelly ....              | P235                           | Crews, Deidra C. ....            | .....21                             |
| Carnethon, Mercedes ....      | MP19, P081, P084               | Cho, Michael H. ....         | P368                           | Crimmins, Nancy A. ....          | P083                                |
| Carnethon, Mercedes R. ....   | MP04, P171                     | Choenchoopon, Hansa ....     | MP93                           | Criqui, Michael ....             | P161                                |
| Carr, J. Jeffery ....         | P298                           | Choh, Audrey C. ....         | P360                           | Criqui, Michael H. ....          | MP45, P067, P162                    |



# Author Index (continued)

|                                    |                                     |                                   |                                         |                                         |                           |
|------------------------------------|-------------------------------------|-----------------------------------|-----------------------------------------|-----------------------------------------|---------------------------|
| CRONICAS Cohort Study Group, ..... | P371                                | de Vries, Jeanne H. ....          | MP13                                    | Esposito, Andrea Placido .....          | P130                      |
| Crouter, Scott E. ....             | P289                                | Dhana, Klodian .....              | P053                                    | Evenson, Kelly .....                    | MP75                      |
| Crowe, Susanne .....               | P332                                | Dias-Santos, Raul .....           | P210                                    | Evenson, Kelly R. ....                  | P281                      |
| Cudhea, Frederik .....             | MP42                                | Diaz, Keith M. ....               | <b>MP11</b> , P012, P202, P271          | Everson-Rose, Susan .....               | MP80                      |
| Cudjoe, Joycelyn .....             | P354                                | Di Castelnuovo, Augusto .....     | <b>P316</b> , P326                      | Evins, A. E. ....                       | P008                      |
| Cui, Tianjiao .....                | 28                                  | Dickerson, Faith .....            | P115                                    | Ewing, Lin J. ....                      | P110                      |
| Cui, Zhaohui .....                 | <b>44</b> , P241                    | Diez Roux, Ana .....              | P081, P082, P338                        | Ewing, Linda J. ....                    | P117, P118, P265          |
| Cupples, L. Adrienne .....         | P360                                | Diez Roux, Ana V. ....            | P084                                    | Ezzati, Majid .....                     | P351                      |
| Curhan, Gary C. ....               | P204, P252                          | Diez-Roux, Ana .....              | MP80                                    | Fabbri, Sharon .....                    | MP59                      |
| Curl, Patti .....                  | 10                                  | Diggie, Peter .....               | P325                                    | Fagherazzi, Guy .....                   | MP24                      |
| Curtis, Jeffrey R. ....            | P238, P393                          | Dima, Francesco .....             | P132                                    | Fahimi, Saman .....                     | P369                      |
| Curtis, Jephtha P. ....            | P274                                | Ding, Ding .....                  | <b>P255</b>                             | Falk, Michael C. ....                   | P109                      |
| Cushman, Mary .....                | 43, 49, MP87, MP88, .....           | Ding, Eric L. ....                | <b>19</b>                               | Fang, Jing .....                        | MP84, P036, P208          |
| .....                              | P044, P051, P107, P178, P192, ..... | Ding, Jie .....                   | <b>MP90</b>                             | Farajzadehgan, Ziba .....               | P053                      |
| .....                              | P193, P201, P304, P341, P347        | Ding, Jingzhong .....             | 53, P154                                | Farley, John .....                      | P344                      |
| Cuthbertson, Carmen .....          | 03, MP56, <b>MP60</b>               | Ding, Ming .....                  | <b>P042</b> , <b>P152</b>               | Farnier, Michel .....                   | P214                      |
| D'Agostino, Ralph B. ....          | MP54                                | Dinkler, John .....               | P299                                    | Fazio, Sergio .....                     | P044                      |
| Dahm, Christina C. ....            | <b>25</b>                           | Djousse, Luc ....                 | MP16, MP58, P044, P311, <b>P382</b>     | Fedorko, Evan .....                     | P137                      |
| Daka, Bledar .....                 | <b>P292</b>                         | Dodani, Sunita .....              | <b>P200</b>                             | Felton, Mary .....                      | P360                      |
| Dalcin, Arlene .....               | P115                                | Dodson, John A. ....              | 04                                      | Feldman, David I. ....                  | 11                        |
| Dalcin, Arlene T. ....             | P349                                | Dolan, Lawrence .....             | P153                                    | Feldman, Robin .....                    | P109                      |
| Dallmeier, Dhayana .....           | P285                                | Dolan, Lawrence M. ....           | P059                                    | Feldman, Theodore ..                    | P003, P004, P130, P258    |
| Dalmeijer, Geertje W. ....         | P308                                | Donahue, Richard P. ....          | P303                                    | Feng, Tao .....                         | P070                      |
| Dam, Veerie .....                  | P308                                | Donati, Maria Benedetta .....     | P316, P326                              | Ferguson, Erica .....                   | MP15                      |
| Damcott, Coleen M. ....            | P365                                | Donfrancesco, Chiara .....        | P132                                    | Fernandez, Bernie .....                 | P258                      |
| Danaei, Goodarz .....              | P215, P351, P369                    | Doom, Rachelle .....              | 06                                      | Fernandez, Camilo .....                 | P356                      |
| Danese, Mark .....                 | P233                                | Dore, Gregory A. ....             | P025                                    | Fernandez-Mendoza, Julio .....          | MP70, <b>MP71</b> , ..... |
| Danford, Cynthia A. ....           | P110, P118                          | Dotson, Laura .....               | P095                                    | .....                                   | MP72, MP91                |
| Daniels, Stephen R. ....           | 26                                  | Dourado, Victor Z. ....           | <b>P267</b> , <b>P268</b> , <b>P269</b> | Fernández-Rhodes, Lindsay .....         | <b>MP23</b>               |
| Das, Sankalp .....                 | P004, P258                          | Dove, Cassandra .....             | P016                                    | Ferrario, Marco M. ....                 | P077, P078, P089          |
| Daumit, Gail L. ....               | P115                                | Doveikis, Julia .....             | MP96, P212, P390                        | Ferrieres, Jean .....                   | P078, P089                |
| Dave, Jenny .....                  | P390                                | Dower, James I. ....              | P324                                    | Feskens, Edith J. M. ....               | P050                      |
| Davidson, Karina W. ....           | MP11                                | Doyon, Myriam .....               | P355                                    | Fialkow, Jonathan .....                 | P258                      |
| Davignus, Martha .....             | MP19, MP22, P223                    | Draper, Rachel .....              | P095                                    | Field, Alison E. ....                   | MP21                      |
| Davignus, Martha L. ....           | 33, 35, MP23, P272, P299            | Drenowatz, Clemens .....          | P064                                    | Filion, Kristian B. ....                | MP20                      |
| Davignus, Martha L. ....           | P091                                | Dreyer, Rachel P. ....            | P274                                    | Finkelstein, Joseph .....               | MP10                      |
| Davis, Jennifer S. ....            | 27                                  | Drygas, Wojciech .....            | P078, P089                              | Finley, Carrie E. ....                  | P282                      |
| Davis, Kelliann K. ....            | P249                                | Dubbert, Patricia M. ....         | P271                                    | Fisher, Virginia .....                  | P360                      |
| Dawood, Farah .....                | <b>P091</b>                         | Dublin, Sascha .....              | 04                                      | Flanders, Dana .....                    | 05                        |
| Dawson, Erica L. ....              | <b>P201</b>                         | Duca, Lindsey M. ....             | <b>P155</b>                             | Fleetwood, Christina .....              | P231                      |
| Daya, Natalie R. ....              | <b>P169</b>                         | Dugas, Erika N. ....              | P071                                    | Fleming, Jennifer A. ....               | 17                        |
| Deal, Jennifer A. ....             | 51                                  | Dumitrescu, Logan .....           | 56                                      | Flessner, Michael F. ....               | P359                      |
| de Andrade, Mariza .....           | P245                                | Dunlay, Shannon M. ....           | P379                                    | Fletcher, Emily A. ....                 | P014                      |
| de Boer, Ian .....                 | 43                                  | Dunn, Logan B. ....               | MP76                                    | Flint, Alan .....                       | P046                      |
| de Boer, Ian H. ....               | MP45, P170                          | Dunsiger, Shira .....             | P194                                    | Flint, Alan J. ....                     | P313                      |
| DeCarli, Charles .....             | 13, MP46, MP73                      | Duong, Michelle .....             | P291                                    | Flores, Fernando .....                  | P180                      |
| Decker, Paul A. ....               | P143, P245                          | Duong, Michelle T. ....           | P145                                    | Florido, Roberta .....                  | 14                        |
| de Curtis, Amalia .....            | P316, P326                          | Duprez, Daniel .....              | MP67, P299                              | Flowers, Elena .....                    | P300, <b>P301</b>         |
| Defago, Maria D. ....              | P215                                | Durant, Raegan W. ....            | MP53, P333, P386, P387                  | Folsom, Aaron .....                     | MP60, P021, P217          |
| de Ferranti, Sarah D. ....         | P138                                | Durda, Jon P. ....                | <b>P363</b>                             | Folsom, Aaron R. ....                   | 14, P067, P124, .....     |
| deFilippi, Christopher .....       | 49                                  | DuRussel-Weston, Jean .....       | MP65                                    | .....                                   | P159, P192, P244          |
| DeFina, Laura F. ....              | P282                                | Dysinger, Wayne .....             | MP59                                    | Fonda, Holly .....                      | 06                        |
| de Gaetano, Giovanni .....         | P316, P326                          | Eagle, Kim A. ....                | MP65                                    | Fonseca, Maria J. M. ....               | P148                      |
| Degirmenci, Markus .....           | <b>MP88</b>                         | Earnest, Conrad P. ....           | MP76                                    | Foppa, Murilo .....                     | P191                      |
| de Goede, Janette .....            | <b>P061</b>                         | Eastwood, Jo-Ann .....            | <b>MP64</b>                             | Foraker, Randi .....                    | MP60                      |
| de Koning, Eelco J. P. ....        | MP13                                | Eaton, Charles B. ....            | <b>P119</b>                             | Foraker, Randi E. ....                  | <b>MP12</b> , P246        |
| de Koning, Lawrence .....          | <b>P294</b>                         | Eberg, Maria .....                | MP20                                    | Ford, Earl S. ....                      | P052                      |
| DeLaFontaine, Patrice .....        | P168                                | Eckfeldt, John H. ....            | P104, P358                              | Forman, John .....                      | MP17                      |
| Delemos, James .....               | MP02                                | Edelman, David E. ....            | P330                                    | Forman, John P. ....                    | P163, P204                |
| Del Gobbo, Liana C. ....           | <b>P109</b>                         | Edmundowicz, Daniel .....         | P256                                    | Fornage, Myriam .....                   | 56                        |
| Delzell, Elizabeth .....           | P393                                | Edwards, Lloyd J. ....            | 22                                      | Forssen, Ulla M. ....                   | P375                      |
| Demello, Madison .....             | P064                                | Edwards, Nicholas M. ....         | <b>P277</b>                             | for the Alcohol and Statin Epidemiology |                           |
| Demerath, Ellen .....              | P360                                | Effoe, Valery S. ....             | <b>P329</b>                             | Consortium, .....                       | P044                      |
| Demmer, Ryan .....                 | <b>MP08</b>                         | Eiriksdottir, Gudny .....         | MP90, P172, P314                        | for the CATIS investigators, .....      | MP86, P174                |
| Demmer, Ryan T. ....               | <b>P342</b>                         | Elboudwarej, Emon .....           | P081                                    | for the NEO study group, .....          | MP13                      |
| de Mutsert, Renée .....            | MP13                                | Elias, Merrill F. ....            | P025                                    | Fortmann, Stephen P. ....               | P302, P352                |
| Denenberg, Julie O. ....           | P162                                | Eliassen, A.H. ....               | P047                                    | Foster, Meredith C. ....                | <b>P172</b> , P246        |
| Deng, Xuan .....                   | P360                                | Eliassen, Heather .....           | 25                                      | Fox, Caroline .....                     | MP77                      |
| Dengel, Donald R. ....             | P189                                | El Khoudary, Samar R. ....        | P177, P186                              | Fox, Caroline S. ....                   | P175, P187, P252, .....   |
| den Heijer, Martin .....           | MP13                                | Elkind, Mitchell S. V. ....       | MP73, MP85, P273                        | .....                                   | P293, P360, P372          |
| Deo, Rajat .....                   | <b>P100</b> , P103, P170            | Ellinor, Patrick T. ....          | P099                                    | Fox, Ervin R. ....                      | P305                      |
| de Oliveira Otto, Marcia C. ....   | P242                                | Elliott, Paul .....               | 35                                      | Franceschini, Nora .....                | <b>P359</b>               |
| DePue, Judith D. ....              | P194                                | Ellison, R. C. ....               | P311                                    | Franchle, Rebecca L. ....               | 34                        |
| Desai, Ankit .....                 | MP57                                | Elorriaga, Natalia .....          | <b>P215</b>                             | Franco, Fabio G. M. ....                | P060                      |
| Desai, Dipika .....                | P030                                | Elsayed, Mohammad .....           | P194                                    | Franco, Manuel .....                    | MP37, P266                |
| Desai, Nirav K. ....               | P138                                | Empana, Jean P. ....              | P116                                    | Franco, Oscar .....                     | P053                      |
| Desale, Sameer .....               | P123                                | Engeda, Joseph C. ....            | 08, <b>29</b>                           | Franco, Oscar H. ....                   | P050                      |
| Desarno, Michael .....             | P193                                | Engelen, Anouk I. P. ....         | <b>P050</b>                             | Franke, Adrian .....                    | P152                      |
| Desgagne, Veronique .....          | P355                                | Erber-Oakkar, Eva .....           | P241                                    | Franz, Mary .....                       | P317                      |
| Després, Jean-Pierre .....         | P213                                | Erdembileg, Anuurad .....         | P306                                    | Franz, Mary M. ....                     | P313                      |
| Desvarieux, Moise .....            | P342                                | Erickson, Karen .....             | MP15                                    | Frazier-Wood, Alexis C. ....            | 27, <b>P361</b>           |
| Devasia, Tom .....                 | P280                                | Ernst, Denise .....               | P122                                    | Fredericks, Lynn .....                  | P257, P310                |
| Devereux, Richard B. ....          | P388                                | Espeland, Mark .....              | MP15                                    | Freiberg, Matthew S. ....               | P230                      |
| De Vito, Katerina M. ....          | 19                                  | Espinoza-Giacinto, Rebeca A. .... | P248                                    | Freisling, Heinz .....                  | MP24                      |

# Author Index (continued)

|                                                    |                                                       |                                   |                                                         |                                |                                                                                                            |
|----------------------------------------------------|-------------------------------------------------------|-----------------------------------|---------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------|
| Freitas, Wladimir .....                            | P130                                                  | Gogarten, Stephanie M. ....       | P357                                                    | Hanna, David .....             | P248                                                                                                       |
| Fretts, Amanda M. ....                             | P123                                                  | Goldberg, Caren .....             | MP65                                                    | Hanna, David B. ....           | <b>P085</b>                                                                                                |
| Fretz, Anna E. ....                                | <b>MP47</b>                                           | Goldberg, Jack .....              | P366                                                    | Hannon, Tamara .....           | P121                                                                                                       |
| Friedlander, Yechiel .....                         | P166                                                  | Goldberg, Robert .....            | MP79                                                    | Hansen, Luke O. ....           | P086                                                                                                       |
| Fries, Jim .....                                   | MP22                                                  | Goldbourt, Uri .....              | P129                                                    | Hanson, Naomi Q. ....          | P143, P245                                                                                                 |
| Frisbee, Stephanie J. ....                         | MP61, <b>MP62</b> , <b>MP63</b> ,<br>P001, P002, P005 | Golden, Sherita H. ....           | P146, P157, P338                                        | Hardy, Shakia T. ....          | <b>08</b> , 29                                                                                             |
| Frits, Michelle .....                              | P216                                                  | Goldman, Lee .....                | 24, P013                                                | Harigane, Mayumi .....         | P090                                                                                                       |
| Froelicher, Victor .....                           | 06                                                    | Goldmann, Emily .....             | <b>P348</b>                                             | Haring, Bernhard .....         | <b>50</b>                                                                                                  |
| Fu, Xiaoying .....                                 | P356                                                  | Goldsholl, Stacy .....            | P115                                                    | Harivanzan, Vijaykumar .....   | P028, P147, P221                                                                                           |
| Fu, Yi-Ping .....                                  | P175                                                  | Goldsmith, Jeff .....             | MP11, MP38                                              | Harman, Jane L. ....           | <b>P157</b>                                                                                                |
| Fukushima Health Management<br>Survey Group, ..... | P090                                                  | Golomb, Beatrice A. ....          | P032, P219                                              | Harrell, Frank E. ....         | P378                                                                                                       |
| Fung, Teresa T. ....                               | 18                                                    | Gona, Phillimon .....             | P187, P372                                              | Harris, Tamara .....           | P360, P360                                                                                                 |
| Furtado, Jeremy D. ....                            | 09                                                    | Gondalia, Rahul .....             | <b>P364</b>                                             | Harris, Tamara B. ....         | MP90, P101, P314                                                                                           |
| Furth, Susan .....                                 | P134                                                  | Gonzales, Franklyn .....          | P161                                                    | Harris, William S. ....        | P309                                                                                                       |
| Fyfe-Johnson, Amber L. ....                        | <b>P189</b>                                           | Gonzalez, Franklyn .....          | 31, P085                                                | Harrison, Teresa N. ....       | P375                                                                                                       |
| Gabriel, Kelley P. ....                            | MP04, MP75, P282, P283                                | Goode, Rachel W. ....             | P265                                                    | Hart, Nigel .....              | P078, P089                                                                                                 |
| Gadgil, Meghana .....                              | P300                                                  | Gooding, Holly C. ....            | <b>MP21</b>                                             | Hartman, Sheri .....           | P119                                                                                                       |
| Gadgil, Meghana D. ....                            | P030, P301                                            | Gordon, Lauren .....              | <b>MP65</b>                                             | Hartman, Terry .....           | P320                                                                                                       |
| Gagliardi, Antônio R. Toledo. P267, P268, P269     |                                                       | Gordon-Larsen, Penny .....        | MP23, P343                                              | Harvey, Jany .....             | MP94, <b>P254</b>                                                                                          |
| Gagnon, David R. ....                              | P235                                                  | Gore, Joel .....                  | MP79                                                    | Harville, Emily .....          | MP68, P139                                                                                                 |
| Gahagan, Sheila .....                              | P136                                                  | Gorin, Amy .....                  | MP15                                                    | Hashimoto, Hiroko .....        | P038                                                                                                       |
| Gallis, John A. ....                               | P122                                                  | Gotman, Nathan M. ....            | P272                                                    | Hashimoto, Shigeatsu .....     | P259                                                                                                       |
| Gallo, Linda C. ....                               | 31, 36, MP19                                          | Gottdiener, John S. ....          | P230                                                    | Hasnain, Syed Ridda .....      | MP54                                                                                                       |
| Gandra, Shrawanthi R. ....                         | P374                                                  | Gottesman, Rebecca .....          | P237, P340                                              | Hassoon, Ahmed .....           | <b>P389</b>                                                                                                |
| Gans, Kim M. ....                                  | P119                                                  | Gottesman, Rebecca F. ....        | 04, 51, P395                                            | Hastert, Theresa .....         | P242                                                                                                       |
| Gao, Qi .....                                      | P037                                                  | Gottlieb, Stephen S. ....         | P230                                                    | Hatch-Stein, Jacquelyn A. .... | <b>P222</b>                                                                                                |
| Gao, Yu-Tang .....                                 | P321                                                  | Gower, Barbara A. ....            | MP50                                                    | Hayashi, Masayuki .....        | P259                                                                                                       |
| Gao, Zhiqian .....                                 | P153                                                  | Graciani, Auxiliadora .....       | P126                                                    | Hayes, Dena E. ....            | <b>P353</b>                                                                                                |
| Garcia, Melissa .....                              | MP90                                                  | Graff, Mariaelisa .....           | 56                                                      | Hayes, Shawn G. ....           | <b>P095</b> , <b>P257</b> , <b>P310</b>                                                                    |
| Garcia, Melissa E. ....                            | P314                                                  | Graham, Gina .....                | P086                                                    | Hayman, Laura L. ....          | P289                                                                                                       |
| García-Esquinas, Esther .....                      | P126, P312, P344                                      | Grambow, Steven .....             | MP27                                                    | Haynes, William G. ....        | MP49                                                                                                       |
| Gardener, Hannah .....                             | MP73                                                  | Grambow, Steven C. ....           | P122                                                    | Haynie, Denise L. ....         | P135                                                                                                       |
| Gardin, Julius M. ....                             | 04                                                    | Grams, Morgan .....               | 02, P103, P160                                          | He, Fan .....                  | <b>MP70</b> , <b>MP71</b> , <b>MP72</b> , P260                                                             |
| Garg, Sushil .....                                 | MP02                                                  | Grams, Morgan E. ....             | MP95, P019, P169, P296                                  | He, Feng .....                 | P048                                                                                                       |
| Garside, Daniel .....                              | MP22                                                  | Grandi, Sonia M. ....             | <b>MP20</b>                                             | He, Jiang .....                | 01, 32, 46, 54, MP26,<br>MP40, <b>MP86</b> , P168, <b>P174</b> , P205                                      |
| Gaskins, Audrey J. ....                            | P007                                                  | Grandner, Michael A. ....         | <b>P069</b> , P072                                      | He, Wei .....                  | P336                                                                                                       |
| Gauvin, Lise .....                                 | MP28, MP29                                            | Grassi, Guido .....               | P077                                                    | He, William J. ....            | P027                                                                                                       |
| Gayle, Bamba .....                                 | <b>P116</b>                                           | Graziano, Diane J. ....           | P086                                                    | Head, Helene H. ....           | P330                                                                                                       |
| Gayles, Debra .....                                | P349                                                  | Greenland, Philip Greenland ..... | P066                                                    | Heard-Costa, Nancy .....       | P360                                                                                                       |
| Gaziano, J. M. ....                                | P235, P311                                            | Greer, Pedro .....                | P231                                                    | Heckbert, Susan .....          | P091                                                                                                       |
| Gaziano, J. Michael .....                          | MP16, MP58, P020, P319                                | Greer, Sophia .....               | MP09                                                    | Heckbert, Susan R. ....        | 04, P015, P357                                                                                             |
| Gaziano, John M. ....                              | P382                                                  | Gregory, Sean .....               | P133                                                    | Heinecke, Jay W. ....          | P224                                                                                                       |
| Ge, Yaorong .....                                  | P298                                                  | Griggs, Suzanne .....             | P138                                                    | Heiss, Gerardo .....           | 03, 08, 29, 33, 47, 51,<br>MP19, MP56, MP60, MP75, P142, P158,<br>P159, P160, P161, P183, P217, P279, P334 |
| Geda, Mary .....                                   | P274                                                  | Grimes, Carley A. ....            | <b>P048</b>                                             | Heitz, Caitlin .....           | MP30                                                                                                       |
| Geleijnse, Johanna M. ....                         | P050, P061, <b>P324</b>                               | Griswold, Michael .....           | P279                                                    | Hellgren, Margaret A. I. ....  | P292                                                                                                       |
| Gellman, Marc D. ....                              | 36, P272                                              | Gross, Alden L. ....              | 47                                                      | Helou, Thais N. ....           | <b>P060</b>                                                                                                |
| Gennarelli, Renee .....                            | P284                                                  | Gross, Myron .....                | P104                                                    | Helsel, Diane .....            | P249                                                                                                       |
| Gennusa, Joseph V. ....                            | P115                                                  | Gross, Myron D. ....              | P171, <b>P185</b>                                       | Henderson, Melanie .....       | MP29                                                                                                       |
| George, Mary .....                                 | 05                                                    | Gu, Charles .....                 | 54                                                      | Henrikson, Charles .....       | P105                                                                                                       |
| Gerber, Yaviv .....                                | P379, <b>P380</b>                                     | Gu, Dongfeng .....                | 54, P027                                                | Heo, Moonseong .....           | P310                                                                                                       |
| Gerling, Michael .....                             | P294                                                  | Gu, Yian .....                    | MP85                                                    | Hernandez, Rosalba .....       | <b>MP82</b>                                                                                                |
| Gero, Krisztina .....                              | MP06                                                  | Guallar, Eliseo .....             | MP39, P010, P040, P045,<br>P141, P179, P181, P182, P184 | Herrera, Victor M. ....        | <b>P054</b> , P207                                                                                         |
| Gersh, Bernard J. ....                             | P108                                                  | Guallar-Castillón, Pilar .....    | <b>P126</b>                                             | Herring, Amy H. ....           | P281, P343                                                                                                 |
| Gerstenblith, Gary .....                           | 45                                                    | Guallar-Castillón, Pilar .....    | <b>P312</b>                                             | Herrington, David .....        | P015                                                                                                       |
| Gervasi-Franklin, Palma .....                      | P273                                                  | Guan, Weihua .....                | P362                                                    | Herrington, David M. ....      | 53                                                                                                         |
| Ghafoori, Elyar .....                              | P105                                                  | Guarento, Maria E. ....           | P130                                                    | Herscovitch, Peter .....       | P390                                                                                                       |
| Ghaznavi, Zunera .....                             | <b>P075</b>                                           | Guddattu, Vasudev .....           | P280                                                    | Hershey, Michelle L. ....      | P156                                                                                                       |
| Giampaoli, Simona .....                            | P057, P132                                            | Gudmundsdottir, Hrefna .....      | P172                                                    | Hicks, Chindo .....            | P362                                                                                                       |
| Gianfagna, Francesco .....                         | <b>P077</b>                                           | Gudnason, Vilmundur .....         | MP90, P172, P314                                        | Hickson, DeMarc .....          | P156                                                                                                       |
| Giardina, Elsa-Grace V. ....                       | P353                                                  | Guibout, Catherine .....          | P116                                                    | Hidalgo, Bertha .....          | <b>P284</b>                                                                                                |
| Gibbs, Richard A. ....                             | MP48                                                  | Guillemette, Laetitia .....       | P355                                                    | Higashiyama, Aya .....         | P337                                                                                                       |
| Gibert, Cynthia L. ....                            | P230                                                  | Guo, Jianjun .....                | P270                                                    | Higginbotham, John .....       | P201                                                                                                       |
| Gidding, Samuel S. ....                            | P222                                                  | Guo, Xiuqing .....                | P357                                                    | Himali, Jayandra J. ....       | 13, MP46                                                                                                   |
| Giezek, Hilde .....                                | P214                                                  | Gupta, Deepak K. ....             | P378                                                    | Himmelfarb, Cheryl D. ....     | P354                                                                                                       |
| Gijsbers, Lieke .....                              | P324                                                  | Gupta, Samir K. ....              | P230                                                    | Hirsch, Alan T. ....           | 02, P158                                                                                                   |
| Gillespie, Cathleen .....                          | 05                                                    | Gurubhagavatula, Indira .....     | P069                                                    | Hirsch, Calvin H. ....         | 49                                                                                                         |
| Gillespie, Cathleen ...                            | MP09, P022, P031, P208                                | Gutierrez, Laura .....            | P215, P278                                              | Hivert, Marie-France .....     | <b>P355</b>                                                                                                |
| Gillett, Sarah R. ....                             | P341                                                  | Gutierrez, Orlando M. ....        | P100                                                    | Hixson, James .....            | 54                                                                                                         |
| Gilman, Matthew W. ....                            | MP21, P138                                            | Guzman, Henry .....               | P004, P258                                              | Hixson, James E. ....          | P027                                                                                                       |
| Gilman, Robert H. ....                             | P087, P371                                            | Hadadzadeh, Mohammad H. ....      | <b>P280</b>                                             | Hlatky, Mark A. ....           | P302                                                                                                       |
| Gilsanz, Paola .....                               | <b>MP83</b>                                           | Hagberg, James M. ....            | P213                                                    | Ho, Tiffany F. ....            | <b>P115</b>                                                                                                |
| Ginsberg, Mindy .....                              | P310                                                  | Hagen, Erika W. ....              | MP69                                                    | Ho, Yuk-Lam .....              | P235                                                                                                       |
| Giordullo, Alyxis .....                            | P083                                                  | Haiman, Christopher .....         | 56                                                      | Hobel, Zachary .....           | P188                                                                                                       |
| Giovannucci, Edward .....                          | P151                                                  | Hairston, Kristin G. ....         | P157                                                    | Hodonsky, Chani J. ....        | <b>P358</b>                                                                                                |
| Glass, Thomas A. ....                              | MP37                                                  | Hajifathalian, Kaveh .....        | P351                                                    | Hoepfner, Susanne S. ....      | P008                                                                                                       |
| Gleason, Kevin .....                               | P070                                                  | Hamm, L. Lee .....                | 01                                                      | Hoeschele, Ina .....           | 53                                                                                                         |
| Glynn, Anders .....                                | P009                                                  | Hammersla, Margaret .....         | P120                                                    | Hoffman, Udo .....             | MP77                                                                                                       |
| Glynn, Robert J. ....                              | P319                                                  | Han, ChengKun .....               | 46                                                      | Hoffmann, Udo .....            | P175, P187, P293, P372                                                                                     |
| Go, Alan S. ....                                   | P302, <b>P375</b>                                     | Han, Jiali .....                  | P042                                                    | Hofman, Albert .....           | P050                                                                                                       |
| Godino, Job G. ....                                | P127, P275                                            | Han, Sung Nim .....               | P063                                                    | Hokanson, John E. ....         | P368                                                                                                       |
| Goetz, Margarethe .....                            | <b>P320</b>                                           | Hand, Gregory A. ....             | P064                                                    | Hollar, Danielle .....         | <b>12</b> , <b>MP30</b>                                                                                    |
| Goff, David C. ....                                | P154, P262                                            | Hanley, Carrie L. ....            | <b>P186</b>                                             |                                |                                                                                                            |
|                                                    |                                                       | Hanlon, Alexandra .....           | P276                                                    |                                |                                                                                                            |

# Author Index (continued)

|                              |                                                |                              |                                                |                                 |                                      |
|------------------------------|------------------------------------------------|------------------------------|------------------------------------------------|---------------------------------|--------------------------------------|
| Holliday, Katelyn M. ....    | 08, 29, 33                                     | Jakicic, John M. ....        | P055, <b>P249</b>                              | Kerr, Kathleen F. ....          | P357                                 |
| Hollman, Peter C. H. ....    | P324                                           | Jakobsen, Marianne U. ....   | 25                                             | Kershaw, Kiarri ....            | MP82, P082                           |
| Holzman, Claudia B. ....     | P164                                           | Jalloh, Mohamed ....         | <b>P228</b>                                    | Kershaw, Kiarri N. ....         | P085                                 |
| Holzwarth, Leah ....         | P004, P258                                     | Jamal, Omar ....             | P003, P004                                     | Kestenbaum, Bryan ....          | 43                                   |
| Honerlaw, Jacqueline ....    | P235                                           | James, Katherine A. ....     | P010                                           | Kestenbaum, Bryan R. ....       | P170                                 |
| Hong, Changjiang ....        | P255                                           | James, Laurence O. ....      | <b>P043</b>                                    | Keteyian, Steve J. ....         | MP03                                 |
| Hoogeveen, Ron ....          | MP47, P217                                     | Janssen, Imke ....           | P186                                           | Keteyian, Steven J. ....        | MP78                                 |
| Hoogeveen, Ron C. ....       | P244                                           | Jansson, Per Anders ....     | P292                                           | Khambaty, Tasneem ....          | P230                                 |
| Hooker, Steven P. ....       | P271                                           | Jaquish, Cashell ....        | 54                                             | Khan, Sadiya ....               | <b>P178</b>                          |
| Hooton, William ....         | P325                                           | Jaspers, Loes ....           | P053                                           | Khan, Sadiya S. ....            | 43                                   |
| Hopkins, Scarlett ....       | P240                                           | Jenny, Nancy S. ....         | MP88, <b>P299</b>                              | Khatana, Sameed Ahmed M. ....   | <b>P350</b>                          |
| Horikoshi, Naoko ....        | P090                                           | Jensen, Majken K. ....       | 09, MP45                                       | Khednova, Yulia ....            | P394                                 |
| Horn-Ross, Pamela ....       | MP85                                           | Jerome, Gerald ....          | P115                                           | Khodneva, Yulia ....            | P080, P100, P347                     |
| Horswell, Ronald ....        | P253                                           | Jeun-Liang, Yeh ....         | P344                                           | Khouri, Philip ....             | P153                                 |
| Hosoya, Mitsuaki ....        | P259                                           | Jiang, Qingmei ....          | MP65                                           | Khouri, Philip R. ....          | P059, P277                           |
| Houghton, Damon ....         | P193                                           | Jiang, Ruoxiang ....         | P379, P380                                     | Khunger, Monica ....            | MP02                                 |
| Hould, Frederic-Simon ....   | MP94, P254                                     | Johannsen, Neil M. ....      | MP76                                           | Kiage, James N. ....            | P043, P044                           |
| Houston, Sara ....           | P029                                           | Johansen, Odd Erik ....      | P332                                           | Kido, Teruhiko ....             | P225                                 |
| Houston-Feenstra, Linda .... | <b>MP59</b>                                    | Johnson, Barbara H. ....     | <b>P374</b>                                    | Kiefe, Catarina I. ....         | MP53, P262                           |
| Howard, Annie-Green ....     | P343                                           | Johnson, Christine ....      | P031                                           | Kilgore, Meredith L. ....       | P386, P387, P393                     |
| Howard, Barbara ....         | P344                                           | Johnson, Jolene ....         | P253                                           | Killian, Jill M. ....           | P108                                 |
| Howard, Barbara V. ....      | P123, P388                                     | Jones, Erika ....            | P188                                           | Kilpatrick, Ryan ....           | P233                                 |
| Howard, George ....          | MP87, P024, P044, P051, P107, P201, P304, P394 | Jones, Steven ....           | P210                                           | Kim, Byungmi ....               | P063                                 |
| Howard, Virginia ....        | MP88, P107, P394                               | Jones, Steven R. ....        | 11                                             | Kim, Catherine ....             | MP88, <b>P347</b>                    |
| Howard, Virginia J. ....     | P044, P173, P201, P304, P347                   | Jones, Sydney A. ....        | <b>P281</b>                                    | Kim, Jang Young ....            | P182                                 |
| Hozawa, Atsushi ....         | P185                                           | Jones-Smith, Jessica C. .... | P266                                           | Kim, Jangyoung ....             | <b>P345</b>                          |
| Hsu, Fang-Chi ....           | P154                                           | Jorgensen, Leif ....         | P233                                           | Kim, Kyoungmi ....              | P306                                 |
| Hu, Frank ....               | P042, P151, P152                               | Jorgensen, Torben ....       | P078, P089                                     | Kimball, Thomas ....            | P153                                 |
| Hu, Frank B. ....            | 18, 20, MP14, P007, P047, P163, P204, P317     | Joseph, Joshua J. ....       | <b>P338</b>                                    | Kimball, Thomas R. ....         | P059                                 |
| Hu, Frank B. ....            | MP18                                           | Josephson, Mark E. ....      | P105                                           | Kimble, Laura P. ....           | P287                                 |
| Hu, Gang ....                | <b>P253</b> , P255                             | Josephson, Richard ....      | P232                                           | Kimes, Teresa M. ....           | P149                                 |
| Hu, Peter J. ....            | <b>P318</b>                                    | Jouett, Noah ....            | <b>P195</b>                                    | King, Robert ....               | 06                                   |
| HU, TIAN ....                | <b>MP26, MP68, P139</b>                        | Jouven, Xavier ....          | P116                                           | King, Sallyann C. ....          | P036                                 |
| Hua, Simin ....              | <b>P334</b>                                    | Joyce, Cara ....             | P086                                           | King, Wendy C. ....             | P055, P249                           |
| Huang, Jianfeng ....         | 54, P027                                       | Juan, WenYen ....            | P031                                           | Kinney, Gregory ....            | P368                                 |
| Huang, Tao ....              | <b>MP18, MP25</b> , P033, P150                 | Judd, Suzanne ....           | MP87, P024, P039, P320, P347, P394             | Kinoshita, Otome ....           | <b>P220</b>                          |
| Huang, zhufeng ....          | 46                                             | Judd, Suzanne E. ....        | MP88, P044, P100, P107, P192, P201, P304, P341 | Kirsch, Phillip S. ....         | P245                                 |
| Hughes, John ....            | P288                                           | Julin, Bettina ....          | P009                                           | Kirsh, Susan R. ....            | P330                                 |
| Hughes-Austin, Jan M. ....   | <b>P170</b>                                    | Jun, Dale ....               | P075                                           | Kissela, Brett ....             | MP87, MP88                           |
| Hui, Stanley Sai-chuen ....  | P111                                           | Juraschek, Stephen P. ....   | 21                                             | Kissela, Brett M. ....          | P201                                 |
| Hundley, Gregory ....        | P182                                           | Justice, Amy C. ....         | P230                                           | Kita, Yoshikuni ....            | P041                                 |
| Hung, Rupert K. ....         | MP03, <b>MP78</b>                              | Justice, Anne ....           | MP23, P136                                     | Kitamura, Akihiko ....          | MP06                                 |
| Hunt, Steven C. ....         | P311                                           | Kabagambe, Edmond K. ....    | P378                                           | Kizer, Jorge R. ....            | 31, <b>49</b>                        |
| Hunter, David J. ....        | MP18                                           | Kabagambe, Edmond K. ....    | P043, <b>P044</b>                              | Klein, Ronald ....              | P296                                 |
| Hunter, Gary R. ....         | MP50                                           | Kabir, Muammar M. ....       | P105                                           | Kleindorfer, Dawn ....          | MP87, P173                           |
| Hurwitz, Barry ....          | MP57                                           | Kacprowski, Tim ....         | P360                                           | Kleindorfer, Dawn O. ....       | P201, P304, P347                     |
| Huston, Christopher ....     | P193                                           | Kagoda, Mercy ....           | MP59                                           | Kligfield, Paul ....            | P188                                 |
| Huxley, Rachel R. ....       | P250                                           | Kahn, Henry S. ....          | MP52                                           | Kline, Christopher E. ....      | P073                                 |
| Hwang, Shih-Jen ....         | <b>P175</b> , P252                             | Kaiser, Paulina ....         | <b>P084</b>                                    | Klinedinst, Jennifer ....       | P120                                 |
| Iacoviello, Licia ....       | P316, P326                                     | Kakinami, Lisa ....          | <b>MP28, P071</b>                              | Kline-Rogers, Eva ....          | MP65                                 |
| Iannaccone, Christine ....   | P216                                           | Kalbaugh, Corey A. ....      | 47                                             | Klingman, Kara M. ....          | <b>P304</b>                          |
| Imamura Kawasawa, Yuka ....  | MP70, MP72, MP91                               | Kalil, Graziela Z. ....      | <b>MP49</b>                                    | Kloss, Rachel A. ....           | P384                                 |
| Imburgia, Courtney E. ....   | P088                                           | Kallem, Radhakrishna R. .... | 01                                             | Knoph, Kristen ....             | P156                                 |
| Imes, Christopher C. ....    | P073, <b>P110</b> , P118, P265                 | Kalyani, Rita R. ....        | P146                                           | Knopman, David ....             | P340                                 |
| Imperatore, Giuseppina ....  | P203                                           | Kamson, Chelsey ....         | P032                                           | Knopman, David S. ....          | P237                                 |
| Indridason, Olafur ....      | P172                                           | Kanaya, Alka M. ....         | P030, P300, P301                               | Knudtson, Merrill ....          | P294                                 |
| Ingram, Katherine H. ....    | <b>MP50</b>                                    | Kandula, Namratha R. ....    | P030                                           | Kobayashi, Takashi ....         | P337                                 |
| Inker, Lesley A. ....        | P172                                           | Kang, Duck-Hee ....          | P283                                           | Kobayashi, Yasuki ....          | MP20                                 |
| Innes, Karen ....            | P011                                           | Kang, Eastern ....           | P136                                           | Koenen, Karestan C. ....        | MP83                                 |
| Inoue, Yuko ....             | <b>P094</b>                                    | Kang, Jae H. ....            | MP18                                           | Koenig, Wolfgang ....           | P285                                 |
| Intille, Stephen S. ....     | MP27                                           | Kaplan, Robert ....          | 31, 36, P161                                   | Koh, Sang Back ....             | P345                                 |
| Irazola, Vilma ....          | P278                                           | Kaplan, Robert C. ....       | 49, P085, P248                                 | Koh, Woon-Puay ....             | P034, P196, <b>P251</b> , P327, P335 |
| Irazola, Vilma E. ....       | P215                                           | Kapoor, Dhiraj ....          | <b>P023</b>                                    | Kokkinos, Peter ....            | 06                                   |
| Iribarren, Carlos ....       | <b>P302</b>                                    | Karmali, Kunal N. ....       | <b>P373</b>                                    | Kokkinos, Peter F. ....         | P211                                 |
| Irvin, Erica D. ....         | P095, P257, P310                               | Kats, Dmitry ....            | <b>MP75</b>                                    | Kokubo, Yoshihiro ....          | <b>P337</b>                          |
| Isasi, Carmen ....           | 36, P310                                       | Katz, Marcelo ....           | P060                                           | Kolesnikova, Elena ....         | <b>P385</b>                          |
| Isasi, Carmen R. ....        | MP23                                           | Katz, Ronit ....             | MP45, P170                                     | Konety, Suma ....               | P297                                 |
| Ishizaki, Masao ....         | P225                                           | Katzmarzyk, Peter ....       | P253                                           | Kooperberg, Charles ....        | 56, MP44, P357                       |
| Islam, Ashequl ....          | MP74                                           | Kaufman, Joel D. ....        | 53, MP67                                       | Kop, Willem J. ....             | P230                                 |
| Iso, Hiroyasu ....           | MP06, P067                                     | Kaufman, Tanya K. ....       | MP38                                           | Korcarz, Claudia E. ....        | MP69                                 |
| Ives, John ....              | P095                                           | Kavousi, Maryam ....         | P053                                           | Koshi Nakamura, Koshi ....      | P225                                 |
| Ix, Joachim ....             | 43                                             | Kawasawa, Yuka I. ....       | P260                                           | Koton, Silvia ....              | <b>P275</b>                          |
| Ix, Joachim H. ....          | MP45, P162, P170                               | Keane, Martin G. ....        | P168                                           | Kraemer, Dale ....              | P200                                 |
| Jaar, Bernard ....           | P158                                           | Kearney, John F. ....        | P293                                           | Kral, Brian G. ....             | P190                                 |
| Jackson, Elizabeth A. ....   | MP65                                           | Kearney, Patricia M. ....    | 32                                             | Kraus, William E. ....          | P213                                 |
| Jackson, Rebecca D. ....     | MP12                                           | Keast, Debra R. ....         | P315                                           | Krempf, Michel ....             | P214                                 |
| Jackson, Rod T. ....         | P331                                           | Kelley, Marjorie ....        | MP12                                           | Kretzler, Matthias ....         | 01                                   |
| Jackson, Sandra L. ....      | <b>P036</b>                                    | Kelly, Andrea ....           | P222                                           | Kris-Etherton, Penny M. ....    | 17                                   |
| Jacobo, Karen ....           | <b>P074</b>                                    | Kelly, Tanika N. ....        | 01, 32, 54, MP40, <b>P027</b>                  | Krishnamoorthy, Parasurnam .... | MP96                                 |
| Jacobs, David ....           | P242, P381                                     | Kendzor, Darla E. ....       | P282                                           | Kriska, Andrea ....             | P073, P117                           |
| Jacobs, David R. ....        | 53, P154, P185, P189, P342                     | Kent, Shia T. ....           | <b>P238</b> , P393                             | Kritchevsky, Stephen B. ....    | 49                                   |
|                              |                                                | Kerr, Jacqueline ....        | P128                                           | Kromhout, Daan ....             | P061                                 |
|                              |                                                |                              |                                                | Krousel-Wood, Marie ....        | <b>P086</b>                          |

# Author Index (continued)

|                                |                                       |                             |                                             |                                 |                                                               |
|--------------------------------|---------------------------------------|-----------------------------|---------------------------------------------|---------------------------------|---------------------------------------------------------------|
| Krumholz, Harlan M. ....       | P274                                  | Lewis, Kara .....           | P109                                        | Lopetegui, Marcelo A. ....      | MP12                                                          |
| Krupka, David J. ....          | MP11                                  | Lewis, Marquita W. ....     | <b>P080</b>                                 | Lopez, Faye L. ....             | 51                                                            |
| Krupp, Karl .....              | <b>P058</b>                           | Ley, Sylvia H. ....         | P204                                        | Lopez, Lenny .....              | 31                                                            |
| Kubzansky, Laura D. ....       | MP83                                  | Ley, Sylvia H. ....         | MP18                                        | López, Lenny .....              | P350                                                          |
| Kucharska-Newton, Anna .....   | 03, 07, MP56,<br>MP60, P275, P279     | Li, Changwei .....          | <b>54</b> , P027                            | López-García, Esther .....      | P312                                                          |
| Kuczynski, Heather M. ....     | P348                                  | Li, Honglan .....           | P321                                        | Lopez-Jimenez, Francisco .....  | P383                                                          |
| Kuipers, Allison .....         | P261                                  | Li, Jianxin .....           | 54                                          | Lopez-Ridaura, Ruy ....         | P074, <b>P140</b> , P180, P309                                |
| Kuipers, Allison L. ....       | <b>P298</b>                           | Li, Lerong .....            | P150                                        | López-Ridaura, Ruy .....        | P322                                                          |
| Kumar, Sudhesh .....           | P263                                  | Li, Liming .....            | P356                                        | Lorenzo, Lenora L. ....         | P330                                                          |
| Kumbhani, Dharam .....         | MP02                                  | Li, Man .....               | <b>55</b>                                   | Loria, Catherine .....          | MP27, MP53                                                    |
| Kurella Tamura, Manjula .....  | P192                                  | Li, Quan-Zhen .....         | P356                                        | Loria, Catherine M. ....        | P092, P328                                                    |
| Kurihara, Nobutaka .....       | <b>P038</b>                           | Li, Shanshan .....          | P007, P046, <b>P163</b> , <b>P317</b>       | Lotufo, Paulo .....             | MP41                                                          |
| Kurtyka, Karen .....           | P149                                  | Li, Shengxu .....           | P356                                        | Lotufo, Paulo A. ....           | P148, <b>P167</b> , P191,<br><b>P209</b> , <b>P210</b> , P218 |
| Kusek, John .....              | P168                                  | Li, WeiQi .....             | P253                                        | Lou, Wensheng .....             | P392                                                          |
| Kuulasmaa, Kari .....          | P078, P089                            | Li, Xiaoying .....          | 46                                          | Lounsbury, David .....          | P310                                                          |
| Kwok, Timothy Chi-yui .....    | P111                                  | Li, Xinrui .....            | P255                                        | Loustalot, Fleetwood .....      | MP84, P203, P208                                              |
| LaCouture, Michael .....       | P226                                  | Li, Xuejun .....            | 46                                          | Lovasi, Gina .....              | MP08                                                          |
| LaCroix, Andrea .....          | MP44, P128                            | Li, Yanping .....           | 18, MP18, P033,<br>P151, <b>P204</b> , P318 | Lovasi, Gina S. ....            | MP38, P085                                                    |
| Lacroix, Marilyn .....         | P355                                  | Li, Yinghui .....           | P227, P231                                  | Love, Shelly-Ann M. ....        | <b>47</b>                                                     |
| Lacy, Mary E. ....             | P329                                  | Li, ZhiBin .....            | 46                                          | Lu, Hu .....                    | P110, P118                                                    |
| Laffel, Lori M. ....           | P135                                  | Lian, Yun .....             | P356                                        | Lu, Kevin .....                 | 56                                                            |
| Lai, Albert M. ....            | MP12                                  | Liang, Jingjing .....       | <b>P070</b>                                 | Lu, Lingyi .....                | P360                                                          |
| Lajous, Martin .....           | P074                                  | Liao, Duanping .....        | MP70, MP71,<br>MP72, MP91, P260             | Lu, Yuan .....                  | <b>P351</b>                                                   |
| Lajous, Martin .....           | P140, P180                            | Liao, Jiangang .....        | MP70, MP72                                  | Lubitz, Steven A. ....          | P099                                                          |
| Lajous, Martin .....           | P309, P322                            | Liao, Katherine .....       | <b>P216</b>                                 | Lund, Soeren S. ....            | P332                                                          |
| Lakkur, Sindhu .....           | <b>P024</b>                           | Liao, Ming .....            | P131, P346                                  | Lutsey, Pamela .....            | P021                                                          |
| Lakoski, Susan G. ....         | P107                                  | Liao, Peter .....           | P295                                        | Lutsey, Pamela L. ....          | <b>MP67</b> , MP80, P067,<br>P097, P104, P124, P144           |
| Laks, Michael .....            | P188                                  | Lichstein, Edgar .....      | P383                                        | Lutz, Sharon M. ....            | <b>P368</b>                                                   |
| Lambert, Joshua D. ....        | 17                                    | Lichtenstein, Alice H. .... | P037, P289                                  | Luviano, Andrea .....           | <b>P180</b>                                                   |
| LaMonte, Michael .....         | P303                                  | Lichtman, Judith H. ....    | P274                                        | Lyass, Asya .....               | 23                                                            |
| Lancaster, Kristie J. ....     | <b>P112</b>                           | Lidofsky, Steven D. ....    | P341                                        | Lytle, Leslie A. ....           | <b>MP51</b>                                                   |
| Lane, Kevin J. ....            | <b>P028</b>                           | Lilly, Christa .....        | <b>P137</b>                                 | Ma, Huiyan .....                | MP85                                                          |
| Lang, Wei .....                | MP15                                  | Lim, Seong Yong .....       | P181                                        | Ma, Jiantao .....               | <b>P252</b>                                                   |
| Langan, Michael .....          | MP12                                  | Lim, So Yeon .....          | P179, <b>P181</b> , P184                    | Ma, Wenjie .....                | P323                                                          |
| Langefeld, Carl .....          | P360                                  | Lima, João .....            | P094                                        | Ma, Yao .....                   | MP11                                                          |
| Larkin, Amy .....              | P226                                  | Lima, Joao .....            | P179, P182, P184, P381                      | Ma, ZhiMin .....                | 46                                                            |
| LaRose, Jessica .....          | MP15                                  | Lima, Joao A. ....          | MP39, P040, P045                            | Mabundo, Lilian .....           | P291                                                          |
| Larson, Martin G. ....         | 23                                    | Lima, Joao A. ....          | P141                                        | Mabundo, Lilian S. ....         | P145                                                          |
| Larson, Nicholas B. ....       | P143, P245                            | Lima, João A.C. ....        | P181                                        | Macal, Charles .....            | P086                                                          |
| Larsson, Charlotte A. ....     | P292                                  | Lin, Dan Y. ....            | 33                                          | Macias-Navarro, Lorena .....    | 34                                                            |
| Laska, Melissa .....           | MP51                                  | Lin, Danyu .....            | 08, 29, 56                                  | Maclehose, Richard F. ....      | P097                                                          |
| Lassale, Camille .....         | 16, <b>MP24</b>                       | Lin, Henry J. ....          | P357                                        | Macrae, Calum .....             | MP48                                                          |
| Latini, Roberto .....          | P295                                  | Lin, Jue .....              | P123                                        | Madhivanan, Purnima .....       | P058                                                          |
| Launer, Lenore J. ....         | MP90, P314                            | Lin, Mingzhu .....          | 46                                          | Madsen, Nicolas L. ....         | P059                                                          |
| Lauria, Vinicius T. ....       | P267, P269                            | Lin, Pao-Hwa .....          | MP27, P122                                  | Maeda, Masaharu .....           | P090                                                          |
| Laurie, Cathy .....            | P357, P358                            | Lin, Xiaochen .....         | <b>P270</b>                                 | Magge, Sheela N. ....           | P222                                                          |
| Laurie, Cathy C. ....          | P359                                  | Lin, Xihong .....           | P070                                        | Maggiolo, Nicolette S. ....     | 28                                                            |
| Laurinavicius, Antonio G. .... | P060, <b>P218</b>                     | Lindblad, Ulf .....         | P292                                        | Magnani, Jared W. ....          | P099, P101                                                    |
| LaVeist, Thomas A. ....        | MP81                                  | Linde, Jennifer .....       | MP51                                        | Maguire, Carol .....            | P088                                                          |
| Lavie, Carl C. ....            | P064                                  | Lindgren, Cecilia M. ....   | P360                                        | Mahajan, Anubha .....           | P360                                                          |
| Lavie, Carl J. ....            | MP76, P211, P211, P383                | Ling, Wenhua .....          | P255                                        | Maiya, Arun G. ....             | P280                                                          |
| Lavie, Carl J. ....            | MP05                                  | Lipsky, Leah M. ....        | <b>P135</b>                                 | Malaga, German .....            | P371                                                          |
| Lazo, Mariana .....            | 14, 45, P244, <b>P297</b>             | Lipworth, Loren .....       | P043, P044, P378                            | Malek, Angela .....             | P173                                                          |
| Leaf, David A. ....            | P230                                  | Lisabeth, Lynda .....       | P084                                        | Malik, Rehan .....              | P003, P004                                                    |
| Lebel, Stefane .....           | MP94, P254                            | Lisabeth, Lynda D. ....     | P347                                        | Malik, Vasanti .....            | 20                                                            |
| le Cessie, Saskia .....        | MP13                                  | Liu, Aiyi .....             | P135                                        | Malyutina, Sofia .....          | P078, P089                                                    |
| Lee, Chong .....               | <b>P370</b>                           | Liu, Chia-Ying .....        | P182                                        | Mancino, Juliet .....           | P110, P265                                                    |
| Lee, Duck-chul .....           | <b>MP05</b>                           | Liu, Jiankang .....         | P305                                        | Manczuk, Marta .....            | <b>P006</b>                                                   |
| Lee, Elisa .....               | P344                                  | Liu, Jingmin .....          | MP44                                        | Manders, Emily .....            | P175                                                          |
| Lee, Elisa T. ....             | P123, P388                            | Liu, Junxiu .....           | <b>P017</b> , P211                          | Mandlewala, Richa .....         | P228                                                          |
| Lee, I-Min .....               | MP01, P020                            | Liu, Kiang .....            | 43, MP04, MP22,<br>P092, P178, P328         | Manemann, Sheila M. ....        | P108, <b>P379</b> , P380                                      |
| Lee, Jane J. ....              | <b>P293</b>                           | Liu, Kiang J. ....          | P065, P066                                  | Manichaikul, Ani .....          | 56                                                            |
| Lee, Ju-Mi .....               | <b>P065</b> , <b>P066</b>             | Liu, Lei .....              | MP22                                        | Manson, JoAnn E. ....           | 19, 50, MP14, P319                                            |
| Lee, Jung Eun .....            | P040                                  | Liu, Simin .....            | P270                                        | Manson, JoAnn E. ....           | MP18                                                          |
| Lee, Raymond .....             | P214                                  | Liu, Yan .....              | 27                                          | Manthiripragada, Angelika ..... | P238                                                          |
| LeLorier, Paul A. ....         | P099                                  | Liu, Yiyi .....             | P229                                        | Marceau, Simon .....            | MP94, P254                                                    |
| Lennie, Terry .....            | P113                                  | Liu, Yongmei .....          | 53, P360                                    | Marchioli, Roberto .....        | P295                                                          |
| Lennon, L T. ....              | P079                                  | Llabre, Maria .....         | MP23                                        | Marcus, Bess H. ....            | P119                                                          |
| Lennon, Lucy .....             | P049                                  | Llabre, Maria M. ....       | P248                                        | Marcus, Gregory M. ....         | P088, P101                                                    |
| Leon, Arthur S. ....           | P213                                  | Lloyd-Jones, Donald .....   | 48, MP04, MP22,<br>MP82, P178, P381         | Marquez, David X. ....          | P272                                                          |
| Leong, Aaron .....             | <b>P336</b>                           | Lloyd-Jones, Donald M. .... | 43, P065, P066, P223                        | Marquis, Lynn M. ....           | P330                                                          |
| Leong, Thomas K. ....          | P375                                  | Lobzeva, Valentina .....    | P385                                        | Marrero, David G. ....          | P121                                                          |
| León-Muñoz, LM .....           | P126                                  | Loehr, Laura .....          | P142, P334                                  | Martin, Berdine .....           | <b>30</b>                                                     |
| Lescelleur, Odette .....       | MP94, P254                            | Loehr, Laura R. ....        | P160, P384                                  | Martin, Lisa J. ....            | P083                                                          |
| Le-Scherban, Felice .....      | P242                                  | Lohman, Kurt .....          | 53                                          | Martin, Seth S. ....            | 11, P176                                                      |
| Lessard, Darleen .....         | MP79                                  | Longenecker, Chris T. ....  | <b>P229</b> , P232                          | Martin-Daniels, Michelle .....  | P349                                                          |
| Levey, Andrew S. ....          | P172                                  | Longshore, Lauren E. ....   | P059                                        | Martinez, Luz X. ....           | P207                                                          |
| Levi Dunietz, Galit .....      | <b>P164</b>                           | Longstreth, W T. ....       | 04                                          | Martinez, Sabrina .....         | P231                                                          |
| Levine, Benjamin .....         | MP02                                  | Longstreth, Jr, W.T. ....   | MP80                                        | Martinez, Sabrina S. ....       | P227                                                          |
| Levitan, Emily B. ....         | P238, P333, <b>P386</b> , <b>P387</b> | Lo Noce, Cinzia .....       | P057                                        | Maruthur, Nisa .....            | P339                                                          |
| Levy, Daniel .....             | 48                                    |                             |                                             | Maruthur, Nisa M. ....          | P296                                                          |
| Levy, Douglas E. ....          | 34                                    |                             |                                             | Masaki, Kamal .....             | P256                                                          |
| Lewis, Cora E. ....            | MP15, MP53, P154, P171                |                             |                                             |                                 |                                                               |



# Author Index (continued)

|                                                                                                             |             |                                                                              |             |                                                                      |
|-------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------|
| Masaki, Kamal H. ....                                                                                       | P041        | Milne, Ginger L. ....                                                        | P295        | Nanna, Michael .....04                                               |
| Masley, Lucas V. ....                                                                                       | P056        | Minges, Karl E. ....                                                         | <b>P274</b> | Nanney, Marilyn ..... MP51                                           |
| Masley, Steven C. ....                                                                                      | <b>P056</b> | Miranda, J. J. ....                                                          | P087        | Nansel, Tonja R. .... P135                                           |
| Mason, JoAnn ..... P151                                                                                     |             | Miranda, J. Jaime ..... P371                                                 |             | Narang, Neetu ..... P095                                             |
| Mason, Ryan ..... P195                                                                                      |             | Mirbolouk, Fardin ..... P280                                                 |             | Narotsky, David L. .... <b>P131</b>                                  |
| Mason Barber, Linda A. .... <b>P287</b>                                                                     |             | Misialek, Jeffrey R. .... <b>P104</b>                                        |             | Naruse, Yuchi ..... P225                                             |
| Massaro, Joseph M. .... P175, P187, P372                                                                    |             | Mitchell, Braxton D. .... P365                                               |             | Nascimento, Matheus B. .... P267, P268                               |
| Masson, Serge ..... P295                                                                                    |             | Mitchell, Gary F. .... P314                                                  |             | Nasir, Khurram ..... MP03, P003, P004, P058, P130, P176, <b>P258</b> |
| Matheus, Agatha C. .... P267, P268, P269                                                                    |             | Mitsnefes, Mark ..... P134                                                   |             | Natarajan, Balaji ..... MP96, P212, <b>P390</b>                      |
| Matsuguchi, Tet ..... P123                                                                                  |             | Miura, Katsuyuki ..... 35, P041, P225                                        |             | Naugler, Christopher ..... P294                                      |
| Matsumoto, Chisa ..... <b>P026</b>                                                                          |             | Miyagawa, Naoko ..... P041                                                   |             | Navas-Acien, Ana ..... P010, P344                                    |
| Matsushita, Kunihiro ..... <b>02</b> , 14, MP43, MP60, P019, P103, P127, P158, P159, P160, P197, P239, P334 |             | Miyamoto, Yoshihiro ..... P337                                               |             | Ndumele, Chiadi ..... P297                                           |
| Matta, Maria G. .... P278                                                                                   |             | Mochari-Greenberger, Heidi ..... P131, <b>P346</b>                           |             | Ndumele, Chiadi E. .... 11, 14, <b>45</b> , P244                     |
| Mattei, Josiemer ..... 18, P047, P243                                                                       |             | Moe, Stacey ..... MP51                                                       |             | Neal, William ..... P137                                             |
| Matthan, Nirupa R. .... <b>P037</b>                                                                         |             | Mohler, Emile R. .... P168                                                   |             | Neckerman, Kathryn M. .... MP38                                      |
| Matthews, Karen ..... P186                                                                                  |             | Moise, Nathalie ..... <b>24</b> , P013                                       |             | Needham, Belinda ..... P338                                          |
| Matthews, Karen A. .... P177                                                                                |             | Molina, M. Carmen ..... P167                                                 |             | Neelakantan, Nithya ..... P327                                       |
| Mattix-Kramer, Holly J. .... P359                                                                           |             | Moncrieff, Ashley ..... MP23                                                 |             | Neeland, Ian J. .... P332                                            |
| Mattos, Meghan ..... P110                                                                                   |             | Moncrieff, Ashley E. .... 33, 36                                             |             | Nelson, Heather H. .... P362                                         |
| Mavros, Panagiotis ..... P149                                                                               |             | Mondesar, Favel L. .... <b>P333</b>                                          |             | Nestlerode, Cara S. .... P298                                        |
| Maxwell, Celia J. .... P228                                                                                 |             | Monge, Adriana ..... P074, <b>P309</b> , P322                                |             | Newman, Anne B. .... 04, 49, P101                                    |
| Maziak, Wasim ..... P003                                                                                    |             | Mongero, Linda ..... P131                                                    |             | Ng, Qimin ..... MP96                                                 |
| McAdams DeMarco, Mara ..... P169                                                                            |             | Mongraw-Chaffin, Morgana ..... <b>P250</b>                                   |             | Nguyen, Ha ..... P242                                                |
| McCabe, George ..... 30                                                                                     |             | Mons, Ute ..... P285                                                         |             | Ni, Ai ..... MP57                                                    |
| McCabe, Linda ..... 30                                                                                      |             | Moon, Katherine A. .... <b>P010</b>                                          |             | Ni, Andy ..... MP19                                                  |
| McClellan, Bill ..... P320                                                                                  |             | Moon, Yeseon P. .... P273                                                    |             | Nichols, Gregory A. .... <b>P149</b>                                 |
| McClellan, William ..... P100                                                                               |             | Mooney, Stephen J. .... MP38                                                 |             | Niles, Janet ..... P086                                              |
| McClelland, Robyn ..... 09, P084                                                                            |             | Moons, Karel G. M. .... P236                                                 |             | Nimbal, Vani ..... P352                                              |
| McClelland, Robyn L. .... MP67                                                                              |             | Moore, Latetia ..... MP84, P082                                              |             | Ning, Baitang ..... P392                                             |
| McClure, Leslie ..... P039, P199                                                                            |             | Moore, Lynn L. .... <b>26</b> , MP54                                         |             | Ning, Hongyan ..... 48, MP82                                         |
| McComsey, Grace A. .... P229                                                                                |             | MOPMAP, On behalf of ..... P364                                              |             | Niv, Dorene ..... P195                                               |
| McCoy, Connie ..... P153                                                                                    |             | Moran, Andrew ..... 24                                                       |             | Noda, Chikara ..... P182                                             |
| McCoy, Connie E. .... <b>P059</b>                                                                           |             | Moran, Andrew E. .... P013                                                   |             | Nogawa, Kazuhiro ..... P225                                          |
| McDermott, Kelly C. .... P134                                                                               |             | Morikawa, Yuko ..... P225                                                    |             | North, Kari ..... 56, P136                                           |
| McEvoy, Bill ..... <b>MP43</b>                                                                              |             | Morris, R W. .... P079                                                       |             | North, Kari E. .... MP23, P358                                       |
| McEvoy, John ..... MP47                                                                                     |             | Morris, Richard ..... P049                                                   |             | Nowson, Caryl ..... P048                                             |
| McEvoy, John W. .... P176, P297                                                                             |             | Morrison, Alanna C. .... MP48                                                |             | Nu'usolia, Ofeira ..... P194                                         |
| McGarvey, Stephen T. .... P194                                                                              |             | Morrison, Jean ..... P358                                                    |             | Oberoi, Shilpi ..... P010                                            |
| McGaughey, Tracey J. .... <b>P014</b>                                                                       |             | Mortara, David ..... P188                                                    |             | O'Connell, Jeffrey R. .... P365                                      |
| McGuire, Darren K. .... P332                                                                                |             | Mosca, Lori ..... P346                                                       |             | Odden, Michelle C. .... P199                                         |
| McKenzie, Steve ..... P270                                                                                  |             | Mosca, Matthew ..... P131                                                    |             | Odegaard, Andrew ..... P185                                          |
| McKnight, Barbara ..... P166                                                                                |             | Moser, Debra ..... P113                                                      |             | Odum, Erika ..... <b>MP84</b> , P036                                 |
| McKnight, Liz ..... <b>P035</b>                                                                             |             | Moser, Debra K. .... MP64                                                    |             | O'Donnell, Christopher J. .... P175, P187, P372                      |
| McLean, Robert R. .... P252                                                                                 |             | Moshferg, Alanna ..... P031                                                  |             | O'Flaherty, Martin ..... P325                                        |
| McMahon, Gearoid M. .... P252                                                                               |             | Mosley, Thomas ..... P340, P362                                              |             | O'Flaherty, Martin ..... P052                                        |
| McMahon, Siobhan ..... P288                                                                                 |             | Mosley, Thomas H. .... 47, 51, MP48, P237                                    |             | Ogedegbe, Gbenga ..... P112, P198                                    |
| McManus, David D. .... P099                                                                                 |             | Mossavar-Rahmani, Yasmin ..... P085                                          |             | Ogilvie, Rachel P. .... <b>MP80</b>                                  |
| McNamara, Timothy ..... P056                                                                                |             | Mozaffarian, Dariush ..... 15, MP42, P109, P215, P295, P323, P369            |             | Ogunmoroti, Oluseye ..... P003, <b>P004</b> , P258                   |
| McNeal, Catherine ..... P133                                                                                |             | Mujahid, Mahasin ..... <b>P081</b> , <b>P082</b> , P084                      |             | Ohira, Tetsuya ..... P090, <b>P259</b>                               |
| McQuaide, Belinda ..... P256                                                                                |             | Mukamal, Kenneth J. .... 09, 25, MP45, P046, P313                            |             | Ohtsuru, Akira ..... P090, P259                                      |
| Meduri, Claudia ..... P132                                                                                  |             | Mukherjee, Debabrata Mukherjee ..... P383                                    |             | Ohyama, Yoshiaki ..... P094, P182                                    |
| Mehta, Nehal ..... MP96, P216, P390                                                                         |             | Mulukutla, Suresh ..... P186                                                 |             | Ojo, Akinlolu O. .... P168                                           |
| Mehta, Nehal N. .... P212                                                                                   |             | Munter, Paul ..... P394                                                      |             | Okamura, Tomonori ..... P041                                         |
| Mehta, Puja ..... P188                                                                                      |             | Muntner, Paul ..... 07, P012, P051, P171, P198, P206, P238, P271, P333, P393 |             | Okayama, Akira ..... P041                                            |
| Mehta, Sanjeev N. .... P135                                                                                 |             | Muntner, Paul M. .... P100, P202                                             |             | O'Kelly-Phillips, Erin ..... <b>P121</b>                             |
| Meigs, James B. .... P336, P350                                                                             |             | Murabito, Joanne ..... MP77                                                  |             | Okparavero, Aghogho ..... P172                                       |
| Meininger, Janet C. .... P283                                                                               |             | Murabito, Joanne M. .... P252                                                |             | Okuda, Nagako ..... 35, P041                                         |
| Meireles, Danilo P. .... P191                                                                               |             | Murillo, Jorge ..... P231                                                    |             | Olgin, Jeffrey E. .... P088                                          |
| Menard, Julie ..... P355                                                                                    |             | Murillo, Rosenda ..... MP04, P272                                            |             | Oliveira, Ana E. .... P267                                           |
| Mendelson, Michael M. .... P138                                                                             |             | Murphy, Rachel A. .... P314                                                  |             | Oliveira, Ilka R. S. .... P191                                       |
| Mendez, Dara D. .... P110, <b>P265</b>                                                                      |             | Musani, Solomon K. .... P305                                                 |             | O'Loughlin, Erin K. .... P071                                        |
| Mendez, Michelle A. .... 22                                                                                 |             | Musgrave, Rebecca M. .... P187, P372                                         |             | O'Loughlin, Jennifer L. .... P071                                    |
| Mendy, Vincent ..... <b>P016</b>                                                                            |             | Music, Edwin ..... P110, P265                                                |             | Olsen, Sjurdur F. .... P007                                          |
| Merchant, Gina ..... 36                                                                                     |             | Must, Aviva ..... P289                                                       |             | Olson, Nels ..... MP87                                               |
| Merrill, Samuel ..... <b>P193</b>                                                                           |             | Mutharasan, Kannan ..... P223                                                |             | O'neal, Wesley ..... P394                                            |
| Merritt, Robert ..... 05, MP09                                                                              |             | Myers, Jonathan ..... <b>06</b>                                              |             | O'Neal, Wesley T. .... <b>P015</b> , <b>P107</b>                     |
| Merritt, Robert ..... P031                                                                                  |             | Nachman, Keeve E. .... P010                                                  |             | O'Neal, Wesley T. .... MP55                                          |
| Metcalfe, Patricia A. .... <b>P331</b>                                                                      |             | Nadreau, Eric ..... P254                                                     |             | Oneal, Wesley ..... P102                                             |
| Mete, Mihriye ..... P123                                                                                    |             | Nagai, Masato ..... P090, P259                                               |             | Ong, Choon Nam ..... P034                                            |
| Michael, Kathleen M. .... <b>P120</b>                                                                       |             | Nagaraj, Nayana ..... P177                                                   |             | Ong, Paulina ..... MP08                                              |
| Michels, Karin B. .... P007                                                                                 |             | Nagasawa, Shin-ya ..... P225                                                 |             | Oni, Ebenezer ..... P130                                             |
| Michos, Erin ..... P021                                                                                     |             | Nagayoshi, Mako ..... MP67, <b>P067</b>                                      |             | Onuma, Oyere ..... P175                                              |
| Michos, Erin D. .... P104, P144                                                                             |             | Nagtzaam, Lily ..... P236                                                    |             | Onuma, Oyere K. .... <b>P311</b>                                     |
| Miedema, Michael ..... P176                                                                                 |             | Naidoo, Nasheen ..... P327                                                   |             | Oparil, Suzanne ..... P024                                           |
| Miedema, Michael D. .... P127                                                                               |             | Nair, SreeKumar ..... P280                                                   |             | Oravetz, Philip ..... P086                                           |
| Mikus, Catherine R. .... P213                                                                               |             | Nakagawa, Hideaki ..... P041, P225                                           |             | Orchard, Trevor J. .... P224                                         |
| Miljkovic, Iva ..... <b>P261</b> , P298                                                                     |             | Nakamura, Yasuyuki ..... <b>P041</b>                                         |             | Ordovas, Jose M. .... P361                                           |
| Millard, Heather R. .... P305                                                                               |             | Nakano, Hironori ..... P090, P259                                            |             | O'Reilly, Ellis J. .... 19                                           |
| Miller, Edgar ..... P389                                                                                    |             | Nakao, Yoko M. .... P337                                                     |             | Ortiz-Panozo, Eduardo ..... P074, P140, P180, P309, P322             |
| Miller, Edgar R. .... 21, <b>P349</b> , P384                                                                |             | Nambi, Vijay ..... 14, 45, MP43, P147, P244                                  |             | Osera, Tomoko ..... P038                                             |
| Milliren, Carly ..... MP21                                                                                  |             |                                                                              |             | Osondu, Chukwuemeka ..... P003, P004, P258                           |
| Mills, Katherine T. .... <b>32</b> , <b>MP40</b> , <b>P168</b>                                              |             |                                                                              |             | Ostfeld, Robert ..... P161                                           |

# Author Index (continued)

|                                 |                                             |                                   |                                             |                                   |                                                         |
|---------------------------------|---------------------------------------------|-----------------------------------|---------------------------------------------|-----------------------------------|---------------------------------------------------------|
| Ostfeld, Robert J. ....         | 33                                          | Petruski-Ivleva, Natalia ....     | 07                                          | Rebholz, Casey M. ....            | P019                                                    |
| Ostrovsky, Natania ....         | P310                                        | Pew, Alexandra ....               | MP65                                        | Redheuil, Alban ....              | P182                                                    |
| Otani, Koji ....                | P259                                        | Pfeiffer, Christine M. ....       | P328                                        | Redline, Susan ....               | MP67, MP68, P067,<br>P070, P139, P299                   |
| Oude Griep, Linda M. ....       | 35                                          | Philip, Jacques ....              | P240                                        | Redmond, Nicole ....              | P202                                                    |
| Ouyang, Pamela ....             | MP10, P176                                  | Philip, Philip ....               | P065                                        | Reed, Jennifer E. ....            | 32                                                      |
| Overvad, Kim ....               | 25, P313                                    | Phillips, Caroline ....           | P101                                        | Rees, Karen ....                  | P263                                                    |
| Ozner, Michael ....             | P004, P258                                  | Pierce, Gary L. ....              | MP49                                        | Rehm, Colin D. ....               | 15, MP42                                                |
| Pachas, Gladys N. ....          | P008                                        | Pilkerton, Courtney ....          | MP61, MP62, MP63,<br>P001, P002, P005       | Reid, Kathryn J. ....             | P272                                                    |
| Padmakumar, R. ....             | P280                                        | Pirzada, Amber ....               | P248                                        | Reimers, Kristin J. ....          | P315                                                    |
| Pajak, Andrzej ....             | P078, P089                                  | Plassman, Brenda L. ....          | 22                                          | Reinders, Ilse ....               | P314                                                    |
| Palaniappan, Latha P. ....      | P352                                        | Platt, Robert W. ....             | MP20                                        | Reiner, Alex P. ....              | P358                                                    |
| Palmer, Julie R. ....           | P367                                        | Playford, Martin ....             | MP96, P212, P216, P390                      | Reiner, Alexander P. ....         | MP44                                                    |
| Palmer, Kelly ....              | P121                                        | Pletcher, Mark J. ....            | P088                                        | Reis, Jared P. ....               | 33, MP04, P144                                          |
| Palmieri, Luigi ....            | P057                                        | Poggio, Rosana ....               | P215, P278                                  | Remigio-Baker, Rosemay A. ....    | P128                                                    |
| Palta, Priya ....               | 47, MP75, P183, P279, P340                  | Poirier, Paul ....                | MP94, P254                                  | Renelus, Benjamin ....            | P305                                                    |
| Pan, An ....                    | 18, 19, P151, P196, P251, P335              | Pokharel, Yashashwi ....          | P217                                        | Repp, Allen ....                  | P193                                                    |
| Pan, LingLing ....              | 46                                          | Polak, Joseph F. ....             | 09, P176                                    | Resnick, Barbara ....             | P120                                                    |
| Pandey, Ambarish ....           | MP02                                        | Polfus, Linda ....                | P217                                        | Reynolds, Kristi ....             | 32, MP26, P051, P375                                    |
| Pandey, Arjun K. ....           | P114, P247                                  | Pollin, Toni I. ....              | P365                                        | Reynolds, Lindsay M. ....         | 53                                                      |
| Pandey, Avinash ....            | MP66, P093                                  | Poon, Anna ....                   | P183                                        | Rhoades, Dorothy ....             | P344                                                    |
| Pang, Yuanjie ....              | 14                                          | Poon, Anna K. ....                | P142                                        | Rhoades, Everett ....             | P344                                                    |
| Pankow, James ....              | P021                                        | Popkin, Barry M. ....             | 22, P343                                    | Rhodes, James D. ....             | P100                                                    |
| Pankow, James S. ....           | P142, P143,<br>P144, P245, P362             | Porneala, Bianca ....             | P336                                        | Riboli, Elio ....                 | 16, MP24                                                |
| Pannier, Bruno ....             | P116                                        | Porneala, Bianca C. ....          | P350                                        | Ricardo, Ana C. ....              | 01, P168                                                |
| Pannoza, Fabio ....             | P057                                        | Post, Janisse ....                | P003, P004                                  | Rice, Treva K. ....               | P027                                                    |
| Papacosta, A.O. ....            | P079                                        | Post, Wendy ....                  | 53, MP43, P105                              | Rich, Stephen S. ....             | 53, P361                                                |
| Papacosta, Olia ....            | P049                                        | Post, Wendy S. ....               | 09, 11                                      | Rich-Edwards, Janet W. ....       | P204                                                    |
| Papapanou, Panos N. ....        | P342                                        | Potter, Jo Nell E. ....           | MP19                                        | Richhariya, Akshara ....          | P374                                                    |
| Paradis, Gilles ....            | MP28                                        | Powell-Wiley, Tiffany ....        | P081                                        | Richman, Joshua ....              | P234                                                    |
| Parikh, Nina ....               | P348                                        | Powell-Wiley, Tiffany M. ....     | MP96                                        | Richmond, Tracy K. ....           | MP21                                                    |
| Park, Eunduck ....              | P283                                        | Power, Melinda C. ....            | P395                                        | Rickman, Amy D. ....              | P249                                                    |
| Park, Hyunwoo ....              | P257                                        | Powles, John ....                 | P369                                        | Ricks, Madia ....                 | P145, P291                                              |
| Park, Jong Teak ....            | P345                                        | Prasad, Vivek K. ....             | P064                                        | Riddell, Lynn ....                | P048                                                    |
| Park, Soyoun ....               | P036                                        | Pratte, Katherine ....            | P368                                        | Ridker, Paul M. ....              | MP01                                                    |
| Park, Yong-Moon ....            | P211                                        | Prugger, Christof ....            | P116                                        | Rifkin, Dena E. ....              | P162, P170                                              |
| Parrinello, Christina ....      | P127, P339, P340                            | Psaty, Bruce M. ....              | 04, 53, P170                                | Riggle, Zach ....                 | 12                                                      |
| Parrinello, Christina M. ....   | P296                                        | Pu, Jia ....                      | P352                                        | Rimland, David ....               | P230                                                    |
| Parris, Don ....                | P004, P258                                  | Puccinelli-Ortega, Nicole ....    | MP60                                        | Rimm, Eric ....                   | P351                                                    |
| Parsnick, Todd ....             | P088                                        | Puchner, Karl P. ....             | P140                                        | Rimm, Eric B. ....                | 18, 25, 34, MP01, MP83,<br>P044, P046, P047, P313, P317 |
| Pasquale, Louis R. ....         | MP18                                        | Punjabi, Naresh M. ....           | P384                                        | Rimm, Eric B. ....                | MP18                                                    |
| Pastor-Barriuso, Roberto ....   | MP39, P040, P045,<br>P141, P179, P181, P184 | Qazi, Saadia ....                 | P187, P372                                  | Riphagen, Ineke J. ....           | P307                                                    |
| Patel, Jaideep ....             | MP03                                        | Qi, Lu ....                       | MP18, MP25, P033, P150, P204                | Risica, Patricia M. ....          | P119                                                    |
| Patel, Mehul ....               | MP60, P183, P279                            | Qi, Qibin ....                    | 36, MP23, P248                              | Ritchey, Matthew D. ....          | P203                                                    |
| Patel, Sheena ....              | P031                                        | Qiang, An ....                    | P388                                        | Roach, Paula ....                 | P031                                                    |
| Patel, Siddharth ....           | P239                                        | Qibin, Qi ....                    | MP18                                        | Robbins, Jeremy ....              | MP58, P311                                              |
| Patenaude, Julie ....           | P355                                        | Qin, Bo ....                      | 22                                          | Robbins, Michael A. ....          | P025                                                    |
| Patrick, Alan ....              | P261                                        | Quaglia, Luiz A. ....             | P130                                        | Roberson, Lara ....               | P003                                                    |
| Patrick, Alan L. ....           | P298                                        | QUALITY investigators. ....       | MP29                                        | Roberts, Andrea L. ....           | MP83                                                    |
| Patrick, Kaylie A. ....         | 28                                          | Quatromoni, Paula A. ....         | 28                                          | Roberts, Christian K. ....        | P270                                                    |
| Pattany, Maria ....             | P161                                        | Quertermous, Thomas ....          | P302                                        | Roberts, Darin ....               | P228                                                    |
| Patterson, Freda ....           | P276                                        | Quesenberry, Charles P. ....      | MP04                                        | Roberts, Eric ....                | P348                                                    |
| Payne, Philip R. ....           | MP12                                        | Quispe, Renato ....               | P087                                        | Robins, Jo ....                   | P290                                                    |
| Pearson, Keith ....             | P039                                        | Qureshi, Waqas ....               | MP55, P107, P394                            | Rockette-Wagner, Bonny ....       | P073, P118                                              |
| Pearson-Stuttard, Jonathan .... | P325                                        | Radomski, Thomas R. ....          | MP92                                        | Rodondi, Nicolas ....             | P101                                                    |
| Pedley, Alison ....             | MP77, P293                                  | Rafelson, Lisa ....               | P303                                        | Rodriguez, Beatriz ....           | P041, P256                                              |
| Peelen, Linda M. ....           | P236, P307                                  | Rago, Livia ....                  | P316                                        | Rodriguez, Carlos ....            | 31                                                      |
| Pehrsson, Pamela ....           | P031                                        | Rahman, Faisal ....               | P099                                        | Rodriguez, Carlos ...             | MP57, MP80, P091, P381                                  |
| Penalvo, Jose L. ....           | MP42                                        | Rahman, Mahboob ....              | 01, P168                                    | Rodriguez, Carlos J. ....         | P357                                                    |
| Penedo, Frank J. ....           | 31, P272                                    | Raij, Leopoldo ....               | P161                                        | Rodriguez, Fátima ....            | 31                                                      |
| Penko, Joanne ....              | P013                                        | Raj, Dominic ....                 | 01                                          | Rodriguez, Fátima ....            | P350                                                    |
| Peppard, Paul E. ....           | MP69                                        | Raju, Sanjay ....                 | P235                                        | Rodriguez, Juviza K. ....         | P353                                                    |
| Peralta, Carmen ....            | P199                                        | Ramamoorthy, Venkataraghavan .... | P231                                        | Rodriguez-Artalejo, Fernando .... | P126, P312                                              |
| Peralta, Carmen A. ....         | P192                                        | Raman, Vivek G. ....              | P280                                        | Rodriguez-Barradas, Maria C. .... | P230                                                    |
| Peralta-Alvarez, Frank ....     | P087                                        | Ramey, Dena R. ....               | P214                                        | Rodriguez-Colón, Sol M. ....      | MP91                                                    |
| Perdue, Letitia ....            | MP15                                        | Ramos, Alberto R. ....            | P272                                        | Rodriguez López, Santiago ....    | P167                                                    |
| Pérez-Tasigchana, Raúl F. ....  | P312                                        | Rampal, Sanjay ....               | MP39, P040, P045,<br>P141, P179, P181, P184 | Roelke, Leonard H. ....           | P191                                                    |
| Pergola, Pablo ....             | P199                                        | Ramsay, Sheena ....               | P079                                        | Roetker, Nicholas S. ....         | P362                                                    |
| Perrier, Marie C. ....          | P116                                        | Rana, Jamal S. ....               | MP04, P262, P302                            | Roetzheim, Richard ....           | P056                                                    |
| Perrine, Cria G. ....           | P328                                        | Rankinen, Tuomo ....              | P213                                        | Roger, Veronique L. ....          | P108, P379, P380                                        |
| Perron, Patrice ....            | P355                                        | Rao, Dabeeru ....                 | 54                                          | Rogers, Renee J. ....             | P249                                                    |
| Perry, James ....               | P392                                        | Rao, Dabeeru C. ....              | P027, P213                                  | Rogers, Robert ....               | MP65                                                    |
| Persell, Stephen D. ....        | P373                                        | Rao, Mayuree ....                 | P194                                        | Rojanasaksothorn, Suvit ....      | MP93                                                    |
| Persichillo, Mariarosaria ....  | P316, P326                                  | Rapson, Ian R. ....               | P097                                        | Romaguera, Dora ....              | 16, MP24                                                |
| Person, Sharina D. ....         | MP53                                        | Rasmussen-Torvik, Laura ....      | P381                                        | Roman, Mary J. ....               | P388                                                    |
| Pesaró, Antonio E. P. ....      | P060                                        | Rasooly, Rebekah S. ....          | P359                                        | Romiti, Marcelo ....              | P267, P268, P269                                        |
| Peters, Annette ....            | P078, P089                                  | Råstam, Lennart ....              | P292                                        | Rood, Jennifer ....               | P150                                                    |
| Peters, Sanne A. E. ....        | P250                                        | Rastegar, Ina ....                | P127                                        | Rosales, A. G. ....               | P149                                                    |
| Peterson, Denise ....           | MP59                                        | Ratchford, Elizabeth V. ....      | 11                                          | Rosamond, Wayne ....              | P103, P237                                              |
| Petito, Lucia ....              | P082                                        | Rathbun, Steven ....              | P117                                        | Rosamond, Wayne D. ....           | P285, P384                                              |
| Petrone, Andrew ....            | MP58, P311, P382                            | Rautiainen, Susanne ....          | P020, P319                                  | Rosas, Sylvia E. ....             | 01                                                      |
| Petrone, Andrew B. ....         | MP16                                        | Rawlings, Andreea ....            | P339, P340                                  | Rosenbaum, Michael ....           | P342                                                    |
| Petrov, Megan ....              | P069                                        | Ray, Madhab ....                  | P062                                        | Rosenberg, Lynn ....              | P367                                                    |
| Petrov, Megan E. ....           | P072                                        | Rebholz, Casey ....               | P339                                        | Rosendaal, Frits R. ....          | MP13                                                    |

# Author Index (continued)

|                             |                                                                    |                             |                                                                                                                              |                           |                                                          |
|-----------------------------|--------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------------------------|
| Rosner, Bernard             | 20, P152                                                           | Schneider, Michael F.       | P134                                                                                                                         | Shuldiner, Alan R.        | P365                                                     |
| Rossiter, Brianna           | P165                                                               | Schneiderman, Neil          | 36, MP57, P091, P248                                                                                                         | Shuval, Kerem             | P282                                                     |
| Rossouw, Jacques            | 50                                                                 | Schocken, Douglas D.        | P056                                                                                                                         | Sicotte, Hugues           | P143, P245                                               |
| Roswall, Nina               | 16, MP24                                                           | Schoenthaler, Antoinette M. | P112                                                                                                                         | Sidney, Stephen           | MP04, MP53, P262                                         |
| Rothenbacher, Dietrich      | <b>P285</b>                                                        | Schorr, Erica               | <b>P288</b>                                                                                                                  | Siega-Riz, Anna Maria     | MP19                                                     |
| Rotter, Jerome I.           | P357, P361                                                         | Schrack, Jennifer A.        | 14                                                                                                                           | Siewiorek, Dan            | P117                                                     |
| Rouphael, Carol             | <b>P029</b>                                                        | Schreiner, Nathaniel J.     | P232                                                                                                                         | Sigurdsson, Sigurdur      | MP90                                                     |
| Rouseff, Maribeth           | P004, P258                                                         | Schreiner, Pamela J.        | 33, MP53, P065, P066, P262                                                                                                   | Silletta, Maria G.        | P295                                                     |
| Roy-Gagnon, Marie-Hélène    | MP29                                                               | Schwager, Jenifer           | P122                                                                                                                         | Silva, Fernando M. F.     | P060                                                     |
| Rozanski, Alan              | 52                                                                 | Schwartz, Joseph E.         | MP11, P065, P066                                                                                                             | Silva, Rodrigo P.         | P267, P268, P269                                         |
| Rubinstein, Adolfo          | P278                                                               | Schwarz, Eleanor Bimla      | P165                                                                                                                         | Silverman, Edwin          | P368                                                     |
| Rubinstein, Adolfo L.       | P215                                                               | Schwarzfuchs, Dan           | P150                                                                                                                         | Simpson, Ross J.          | <b>P214</b>                                              |
| Ruiz-Narvaez, Edward A.     | <b>P367</b>                                                        | Sciaccia, Robert R.         | P353                                                                                                                         | Sims, Mario               | P012, P202, P206                                         |
| Rundek, Tatjana             | P191                                                               | Sealey-Potts, Claudia       | P200                                                                                                                         | Sinaiko, Alan R.          | P189                                                     |
| Rundle, Andrew G.           | MP38, P085                                                         | Seals, Samantha             | P198                                                                                                                         | Singer, Martha R.         | 26, MP54                                                 |
| Russell, Stuart D.          | P384                                                               | Seals, Samantha R.          | P271                                                                                                                         | Singh, Amritha T. K.      | P223                                                     |
| Ryan, Donna H.              | P150                                                               | Sedlak, Tara                | P188                                                                                                                         | Singh, Gitanjali M.       | MP42                                                     |
| Ryan, Heather H.            | P138                                                               | Seeman, Teresa              | MP82, P065, P066, P338                                                                                                       | Singh, Richa              | P342                                                     |
| Ryckman, Kelli K.           | P357                                                               | Seferidi, Paraskevi         | 35                                                                                                                           | Singh, Sarah              | MP61, MP62, MP63, P001, <b>P002</b> , P005               |
| Ryden, Armand               | P075                                                               | Segawa, Yukiko              | P038                                                                                                                         | Sinha, Tuhin              | P088                                                     |
| Rylova, Anna                | P385                                                               | Séguin, Louise              | MP28                                                                                                                         | Siscovick, David          | 53                                                       |
| Ryman, Tove K.              | <b>P240</b>                                                        | Seip, Richard L.            | P213                                                                                                                         | Siscovick, David S.       | MP45, P065, P066, P105, P166, P170                       |
| Ryu, Seunggho               | <b>MP39</b> , P040, P045, P141, P179, P181, P184                   | Sekikawa, Akira             | P186, P256                                                                                                                   | Sitlani, Colleen M.       | 4                                                        |
| Sabbag, Cid                 | P210                                                               | Sellke, Frank W.            | P295                                                                                                                         | Skinner, James S.         | P213                                                     |
| Saber, Hamidreza            | <b>MP89</b>                                                        | Selvin, Elizabeth           | 02, 14, 45, MP43, MP47, P021, P103, P104, P127, P142, P144, P146, P158, P160, P169, P244, P275, P296, P297, P334, P339, P340 | Skinner Herndon, Megan    | MP44                                                     |
| Sabiston, Catherine         | P071                                                               | Selwaness, Mariana          | P212                                                                                                                         | Slaughter, James C.       | P044                                                     |
| Sacco, Ralph L.             | MP73, P273                                                         | Sempos, Christopher T.      | P328                                                                                                                         | Slentz, Cris A.           | P213                                                     |
| Sachs, Michael C.           | P157                                                               | Sen, Sabyasachi             | <b>MP74</b> , P029                                                                                                           | Sliva, Nicole M.          | P257                                                     |
| Sacks, David B.             | P145                                                               | Seo, Jihyeon                | P063                                                                                                                         | Smailagic, Asim           | P117                                                     |
| Sacks, Frank                | MP25                                                               | Sereika, Susan M.           | P110, P118                                                                                                                   | Smeeth, Liam              | P087, P371                                               |
| Sacks, Frank M.             | 09, P150, P243                                                     | Serón, Pamela               | P278                                                                                                                         | Smith, Albert             | P360                                                     |
| Sadek, Ahmed                | P212                                                               | Seshadri, Sudha             | 13, MP46                                                                                                                     | Smith, Jessica            | P323                                                     |
| Safford, Monika             | P044, P051, P394                                                   | Sesso, Howard               | P319                                                                                                                         | Smith, Michael L.         | P195                                                     |
| Safford, Monika M.          | P080, P100, P201, <b>P234</b> , P238, P333, P347, P386, P387, P393 | Sesso, Howard D.            | P020                                                                                                                         | Smith, Steven             | MP25                                                     |
| Saha, Chandan               | P121                                                               | Seth, Arjun                 | 50                                                                                                                           | Smoller, Sylvia           | MP19                                                     |
| Saitoh, Shigeyuki           | P041                                                               | Seyerle, Amanda A.          | <b>P357</b>                                                                                                                  | Smoller, Sylvia W.        | P091                                                     |
| Sakai, Akira                | P259                                                               | Shad, Bijan                 | P280                                                                                                                         | Snej, Alicia              | P227                                                     |
| Sakata, Kiyomi              | P041                                                               | Shadick, Nancy              | P216                                                                                                                         | Snell-Bergeon, Janet K.   | P154, P155                                               |
| Sakurai, Masaru             | P225                                                               | Shah, Anil                  | 45                                                                                                                           | Snetselaar, Linda         | 50                                                       |
| Salahuddin, Taufiq          | <b>P212</b> , P390                                                 | Shah, Anil M.               | MP48, <b>P124</b>                                                                                                            | Snyder, Michelle          | P173, <b>P183</b>                                        |
| Sale, Michele M.            | P245                                                               | Shah, Amit                  | P106                                                                                                                         | Snyder, Michelle L.       | 47, P142, P159, P279                                     |
| Salmoirago-Blotcher, Elena  | <b>MP79</b>                                                        | Shah, Sachin A.             | P014                                                                                                                         | So, Jisun                 | P063                                                     |
| Salomaa, Veikko             | P078, P089                                                         | Shah, Sanjiv                | MP57, P381                                                                                                                   | Sobocki, Patrik           | P233                                                     |
| Salzberg, Anna              | MP91, P260                                                         | Shahar, Eyal                | 03, MP67, P067, P384                                                                                                         | Soderberg, Stefan         | P078, P089                                               |
| Sampah, Maame E.            | P354                                                               | Shaharyar, Sameer           | P003                                                                                                                         | Soedamah-Muthu, Sabita S. | 35, P061                                                 |
| Sampson, Laura              | P317                                                               | Shai, Iris                  | P150                                                                                                                         | Soliman, Elsayed          | MP55, P091, P102, P239, P394                             |
| Sampson, Uchechukwu         | P044                                                               | Shangguan, Siyi             | <b>P323</b>                                                                                                                  | Soliman, Elsayed Z.       | 51, P015, P100, P104, P105, P106, P107, P168, P201, P357 |
| Sampson, Uchechukwu K. A.   | P043                                                               | Shankar, Shrivanti          | P221                                                                                                                         | Soliman, Sayed            | P024                                                     |
| Samuel, Laura J.            | <b>MP81</b>                                                        | Shapiro, Martin F.          | P220                                                                                                                         | Solomon, Scott D.         | 45, MP48, P105, P124                                     |
| Sanchez, Otto               | P185                                                               | Sharma, Abhishek            | <b>P383</b>                                                                                                                  | Song, Xiaoling            | P314                                                     |
| Sanchez-Johnsen, Lisa A. P. | 36                                                                 | Sharrett, A. R.             | P237, P296, P395                                                                                                             | Song, Yiqing              | P270                                                     |
| Sanctuaire, Alexandre       | MP94, P254                                                         | Sharrett, A. Richey         | P297, P339, P340                                                                                                             | Sorel, Michael E.         | MP04                                                     |
| Sandberg, Julia             | <b>P233</b>                                                        | Sharrett, A. Richey         | 47                                                                                                                           | Sotoodehnia, Nona         | P103, P105, P170, P357                                   |
| Sanders, Jason L.           | 49                                                                 | Sharrett, Richey            | MP43, P217                                                                                                                   | Sotos-Prieto, Mercedes    | <b>18</b> , <b>P047</b>                                  |
| Sandoval-Insausti, Helena   | P312                                                               | Shay, Christina M.          | 08, 29, 33, MP21, P054, P262                                                                                                 | Sotres-Alvarez, Daniela   | MP19, MP23, P248                                         |
| Sang, Yingying              | 02, P160                                                           | Shea, Steven                | 53, MP67, P084                                                                                                               | Souza, Angelita G.        | P191                                                     |
| Sanguankeo, Anawin          | <b>P068</b> , P391                                                 | Shea, Steven J.             | P176                                                                                                                         | Spanakis, Elias           | P338                                                     |
| Santos, Itamar S.           | <b>P191</b> , P218                                                 | Sheehan, Daniel M.          | MP38                                                                                                                         | Spartano, Nicole L.       | 13                                                       |
| Santos, Raul D.             | P060, P130, P218                                                   | Shen, Yiru                  | MP25                                                                                                                         | Sperandio, Evandro F.     | P267, P268, P269                                         |
| Sarano, Maurice E.          | P380                                                               | Sherzai, Ayesha             | P125, P273                                                                                                                   | Spevack, Daniel           | MP57                                                     |
| Sarnak, Mark J.             | P170                                                               | Sherzai, Ayesha Z.          | <b>MP85</b>                                                                                                                  | Spina, Giovanna           | P268                                                     |
| Sarzynski, Mark A.          | <b>P213</b>                                                        | Sherzai, Dean               | MP85, P125                                                                                                                   | Sposito, Andrei           | P130                                                     |
| Satija, Ambika              | <b>MP14</b> , P042                                                 | Shi, Leming                 | P392                                                                                                                         | Spring, Bonnie            | P086                                                     |
| Satizabal, Claudia L.       | <b>MP46</b>                                                        | Shields, Kelly J.           | P177                                                                                                                         | Srinivasan, Sathanur      | P356                                                     |
| Satoh, Hiroaki              | P259                                                               | Shiffman, Saul              | P117                                                                                                                         | Stafford, Jeanette        | P360                                                     |
| Sattar, Abdus               | P232                                                               | Shih, Tina                  | MP22                                                                                                                         | Stahl, Eli                | 56                                                       |
| Satterfield, Suzanne        | P101                                                               | Shimbo, Daichi              | P012, P198, P202, P206, P271                                                                                                 | Stamler, Jeremiah         | 33, 35, P041, P057                                       |
| Sawaya, B. P.               | P199                                                               | Shimmin, Lawrence           | 54                                                                                                                           | Stanley, Todd H.          | 17                                                       |
| Saxena, Richa               | P070                                                               | Shimmin, Lawrence C.        | P027                                                                                                                         | Stearns, Sally C.         | P146                                                     |
| Scarmeas, Nikolaos          | MP85                                                               | Shin, Chol                  | P256                                                                                                                         | Steffen, Brian            | P242                                                     |
| Schalkwijk, Casper G.       | P307, P324                                                         | Shin, Hocheol               | MP39, P040, P045, P141, P179, P181, P184                                                                                     | Steffen, Lyn M.           | 35                                                       |
| Schank, Christa             | <b>04</b>                                                          | Shlipak, Michael G.         | P100, P170                                                                                                                   | Steffen, Lynn M.          | P242                                                     |
| Schartz, Stephen M.         | P166                                                               | Shoamanesh, Ashkan          | MP89                                                                                                                         | Steffes, Michael          | P339                                                     |
| Schauer, Irene E.           | P155                                                               | Shoben, Abigail B.          | MP12                                                                                                                         | Steigerwalt, Susan P.     | P168                                                     |
| Schick, Ursula              | P358                                                               | Shu, Xiao-Ou                | P321                                                                                                                         | Stein, James H.           | 53, MP69                                                 |
| Schieb, Linda               | <b>MP09</b>                                                        | Shufelt, Chrisandra         | P188                                                                                                                         | Steinberger, Julia        | P189                                                     |
| Schimbo, Daichi             | 07                                                                 | Shuldiner, Alan             | P392                                                                                                                         | Steiner, John F.          | P149                                                     |
| Schlucter, Mark             | P229                                                               |                             |                                                                                                                              | Steiner, Sheldon          | MP62, MP63                                               |
| Schmid, Daniela             | <b>P046</b>                                                        |                             |                                                                                                                              | Stephens, Janna           | <b>P264</b>                                              |
| Schneider, Andrea           | 07                                                                 |                             |                                                                                                                              | Stern, Rebecca            | <b>MP69</b>                                              |
| Schneider, Andrea L. C.     | MP47, <b>P146</b> , P160, P169                                     |                             |                                                                                                                              |                           |                                                          |

# Author Index (continued)

|                          |                                    |                           |                   |                             |                                                  |
|--------------------------|------------------------------------|---------------------------|-------------------|-----------------------------|--------------------------------------------------|
| Stern, Yaakov            | MP73                               | the CKDGen Consortium     | 55                | Vasan, Ramachandran         | MP46                                             |
| Sternfeld, Barbara       | MP04                               | Therault, Andre G.        | P330              | Vasan, Ramachandran S.      | 13, 23, P293                                     |
| Stevens, Alissa          | <b>P022</b>                        | Therkelsen, Kate E.       | <b>MP77</b>       | Vasconcelos, Paulo          | MP41                                             |
| Stevens, June            | 44, <b>P241</b>                    | Thielke, Stephen M.       | .04               | Vasconcelos, Paulo R.       | P209                                             |
| Stewart, Jesse C.        | P230                               | Thieri, Joachim           | P150              | Vásquez, Skarlet M.         | P207                                             |
| Stewart, Kerry J.        | MP10                               | Thomas, Frédérique        | P116              | Vassy, Jason L.             | <b>P235</b>                                      |
| Stewart, Stephanie N.    | P059                               | Thompson, Beti            | P240              | Vasudeva, Eshan             | <b>P013</b>                                      |
| Stewart, Tiffanie        | P231                               | Thompson, Paul D.         | P213              | Vaughan, Douglas E.         | P178                                             |
| Stilp, Adrienne          | P359                               | Thompson-Paul, Angela M.  | <b>P208</b>       | Vedanthan, Rajesh           | P006                                             |
| St-Jules, David E.       | MP45                               | Thoreson, Caroline        | P291              | Vega, Sonia                 | P125                                             |
| Strait, Kelly M.         | P274                               | Thoreson, Caroline K.     | P145              | Veledar, Emir               | P003, P004, P058, P130, P227, <b>P231</b> , P258 |
| Stranges, Saverio        | P263                               | Thorndike, Anne           | <b>34</b>         | Veloso, Gilson              | P053                                             |
| Strizich, Garrett        | 36, P248                           | Thorndike, Anne N.        | <b>P008</b>       | Vermeer, Ceas               | P050, P308                                       |
| Strollo, Patrick J.      | P073                               | Thornton, Timothy         | P358              | Veronesi, Giovanni          | P077, <b>P078</b> , <b>P089</b>                  |
| Strotmeyer, Elsa S.      | 49                                 | Thorpe, Roland J.         | MP81              | Vestri, Annarita            | P057                                             |
| Strutz, Kelly L.         | P164                               | Thummel, Kenneth E.       | P240              | Vgontzas, Alexandros        | MP71                                             |
| Stuchlik, Patrick        | MP26                               | Tian, Yan                 | P164              | Vgontzas, Alexandros N.     | MP70, MP72, MP91                                 |
| Stuebe, Alison M.        | MP19, P173                         | Tielemans, Myrte          | P053              | Vieitez, Isabel             | P140                                             |
| Sturgill, Jamie L.       | P290                               | Tighiouart, Hocine        | P172              | Viera, Anthony              | .07                                              |
| Su, Dongfang             | P255                               | Tindle, Hilary A.         | MP12, P230        | Viera, Anthony J.           | .22                                              |
| Su, Shaoyong             | P356                               | Tison, Geoffrey H.        | P088              | Vigneault, Michel           | P031                                             |
| Suarez, Jose R.          | P185                               | Tobias, Deirdre K.        | P007, P163        | Villar, Juan C.             | P054, <b>P207</b>                                |
| Sugiyama, Takehiro       | P220                               | Todem, David              | P164              | Virani, Salim S.            | P241                                             |
| Sui, Xuemei              | MP05, P064, P211                   | Tokuda, Lisa S.           | <b>P330</b>       | Viscogliosi, Giovanni       | <b>P132</b>                                      |
| Sullivan, Kevin J.       | P025                               | Tom, Jeff                 | P133              | Visser, Marjolein           | P314                                             |
| Sumner, Anne             | P291                               | Tomaselli, Gordon         | P103              | Visseren, Frank L. J.       | P307                                             |
| Sumner, Anne E.          | <b>P145</b>                        | Tomiya, Hirofumi          | P026              | Vittinghoff, Eric           | P088                                             |
| Sumner, Jennifer A.      | MP83                               | Torres, Rachael V.        | <b>P025</b>       | Vladutiu, Catherine J.      | <b>MP19, P173</b>                                |
| Sun, Dianjiangyi         | <b>P356</b>                        | Toth, Peter P.            | P210              | Voils, Corrine              | MP27                                             |
| Sun, Qi                  | 19, MP14, P042, P152, P313         | Townsend, Raymond R.      | P168              | Volkening, Lisa K.          | P135                                             |
| Sun, Ran                 | P118                               | Toyama, Joy               | MP64              | Volpe, Gustavo              | P094                                             |
| Sun, Wensheng            | P217                               | Tracy, Russell P.         | .53               | Völzke, Henry               | P360                                             |
| Sun, Ye                  | P034                               | Tran, Thinh               | P004, P258        | Von Holle, Ann              | <b>P136</b>                                      |
| Sun, Yingxian            | MP86, P174                         | Triant, Virginia A.       | P336              | Voskertchian, Annie         | P169                                             |
| Sundborn, Gerhard        | P331                               | Trichia, Eirini           | P061              | Voutsinas, Jenna            | MP85                                             |
| Sunderarajan, Jahnavi    | P028, P221                         | Trichopoulou, Antonia     | MP24              | Vu, Thanh Huyen             | MP22                                             |
| Sung, Eunju              | P040                               | Truesdale, Kimberly P.    | .44               | Vu, Thanh-Huyen             | MP82                                             |
| Sung, Sue Hee            | P375                               | Tsai, Michael             | P242              | Wadia, Subeer               | P377                                             |
| Suwazono, Yasushi        | P225                               | Tsai, Michael Y.          | P245, P361        | Wadley, Virginia            | P039, P341                                       |
| Suzuki, Hitoshi          | P259                               | Tsao, Connie W.           | .23               | Wahed, Abdus                | P249                                             |
| Suzuki, Takeki           | <b>P103</b>                        | Tsujimoto, Tetsuro        | P220              | Wajngarten, Mauricio        | P060                                             |
| Suzuki, Yuriko           | P090                               | Tuffuor, Kwame            | P228              | Waks, Jonathan W.           | P105                                             |
| Svetkey, Laura P.        | <b>MP27</b> , P122                 | Tunceli, Kaan             | P149              | Wallaschofski, Henri        | P360                                             |
| Sweet, Katrina           | .31                                | Tunstall-Pedoe, Hugh      | P078, P089        | Walls, Tameka               | P016                                             |
| Swett, Katrina           | P091                               | Tworoger, Shelley         | P152              | Walter, Willett C.          | P204                                             |
| Swift, Damon             | MP76                               | Tyson, Crystal C.         | MP27, <b>P122</b> | Wand, Gary                  | P338                                             |
| Sylvester, Rachel        | MP65                               | Tzong, Keane              | .24               | Wanders, Anne J.            | <b>MP13</b>                                      |
| Tabb, Karen M.           | MP19                               | Tzong, Keane Y.           | P013              | Wang, Chia-Yih              | P092, <b>P328</b>                                |
| Takahashi, Atsushi       | P259                               | Tzoulaki, Ioanna          | 16, MP24          | Wang, Dong D.               | <b>P151</b>                                      |
| Takahashi, Hideto        | P090                               | Ueda, Peter               | P351              | Wang, Elsie J.              | P352                                             |
| Talavera, Greg           | MP57                               | Ueshima, Hirotosugu       | 35, P041          | Wang, Jun                   | P257                                             |
| Talavera, Gregory A.     | .33                                | Umans, Jason              | P344              | Wang, Li                    | <b>17</b>                                        |
| Talegawkar, Sameera A.   | <b>P030</b>                        | Umer, Amna                | P137              | Wang, Lu                    | P020, <b>P319</b>                                |
| Talley, Kristine         | P288                               | Unverzagt, Fred           | P341              | Wang, Min                   | P255                                             |
| Tamakoshi, Akiko         | MP06                               | Upala, Sikarin            | P068, <b>P391</b> | Wang, Na                    | P099, P101                                       |
| Tamosiunas, Abdonas      | P078, P089                         | Urbina, Elaine            | <b>P153</b>       | Wang, Nae-Yuh               | P115, P349                                       |
| Tan, Debra               | P133                               | Urbina, Elaine M.         | P059, P277        | Wang, Sophia S.             | MP85                                             |
| Tanaka, Hirofumi         | P142, P158, P159, P160, P183, P334 | Ursu, Smona C.            | <b>P057</b>       | Wang, Steven X.             | P338                                             |
| Tang, Weihong            | P021, P245                         | Vaccaro, Viola            | P052, P320, P366  | Wang, Thomas J.             | P378                                             |
| Tanne, David             | P129                               | Vadiveloo, Maya           | <b>P243</b>       | Wang, Xiaoning              | P356                                             |
| Tanner, Rikki M.         | <b>P198</b> , P202                 | Vafiadis, Dorothea K.     | P035              | Wang, Yujie                 | P253                                             |
| Tanz, Lauren             | P323                               | Vaidean, Georgeta         | P006              | Wannamethee, Goya           | P049                                             |
| Tao, Kaixiang            | .01                                | Vaidya, Dhananjay         | <b>P190</b>       | Wannamethee, S G.           | P079                                             |
| Tao, Ling                | .17                                | Vaisar, Tomas             | P224              | Warady, Bradley A.          | P134                                             |
| Tate, Deborah            | MP15                               | Valdiviezo, Carolina      | MP10              | Wark, Petra                 | MP24                                             |
| Tavares, Linda L.        | <b>P096</b>                        | Vallakati, Ajay           | P383              | Warner, Alberta             | P075                                             |
| Taveira, Tracey H.       | P156, P330                         | Valle, Giancarlo A.       | P087              | Wassel, Christina L.        | P067, P143, <b>P162</b> , P245, P359             |
| Taylor, Benjamin         | P233                               | Vallée-Pouliot, Karine    | MP20              | Wassertheil-Smoller, Sylvia | .50                                              |
| Taylor, Herman A.        | P305                               | van Buchem, Mark A.       | MP90              | Watanabe, Makoto            | P337                                             |
| Taylor, Jackson R.       | .53                                | van Dam, Rob              | P042, P152        | Watanabe, Takuya            | P337                                             |
| Taylor, Kent D.          | P357                               | van Dam, Rob M.           | P034              | Watenpaugh, Donald E.       | P195                                             |
| Taylor, Leslie F.        | P287                               | van Dam, Rob Martinus     | P327              | Watson, Douglas M.          | P375                                             |
| Teixido Tura, Gisela     | P182                               | van der Graaf, Yolanda    | P307              | Watson, Karol               | P082                                             |
| Teng, Gim Gee            | P196                               | van der Leeuw, Joep       | P307              | Watson, Karol E.            | P299                                             |
| Tereshchenko, Larisa     | P239                               | Van der Schouw, Yvonne    | 16, MP24          | Weaver, Connie              | .30                                              |
| Tereshchenko, Larisa G.  | <b>P105</b> , <b>P106</b>          | Van der Schouw, Yvonne T. | P236, P307, P308  | Webel, Allison R.           | <b>P232</b>                                      |
| Terry, J. G.             | P262                               | VanderWeele, Tyler J.     | P204              | Wedick, Nicole              | .20                                              |
| Terry, James G.          | P154, P298                         | Van Dieren, Susan         | P236, P307        | Wei, Wen-Ching              | MP65                                             |
| Tesfay, Johanna          | P228                               | Van Dyke, Melissa K.      | P386, P387        | Weiderpass, Elizabete       | 16, MP24                                         |
| Thacker, Evan L.         | .04                                | Van Horn, Linda           | 35, P085, P092    | Weinblatt, Michael          | P216                                             |
| Thamez, Martha           | P322                               | Van Hulst, Andraea        | MP29              | Welty, Thomas               | P344                                             |
| Thanikachalam, Mohan     | P028, <b>P147</b> , <b>P221</b>    | Vannucci, Serena          | P132              | Wen, Feng                   | P281                                             |
| Thanikachalam, Sadagopan | P028, P147, P221                   | Vanuzzo, Diego            | P132              | Wessel, Jennifer            | <b>P121</b>                                      |
| Thaxton, Colby S.        | P223                               | VanWormer, Jeff           | P133              |                             |                                                  |



# Author Index (continued)

|                                |                                       |                                 |                        |                             |                                       |
|--------------------------------|---------------------------------------|---------------------------------|------------------------|-----------------------------|---------------------------------------|
| Weston, Susan A. ....          | P108, P379, P380                      | Xiang, Yong-Bing .....          | P321                   | Zachariah, Justin P. ....   | <b>P138</b>                           |
| Weuve, Jennifer .....          | P395                                  | Xiao, Jianzhong .....           | P205                   | Zack, Matthew .....         | MP84                                  |
| Wexler, Deborah J. ....        | P336                                  | Xie, Daiwei .....               | .01                    | Zakai, Neil .....           | <b>MP87</b> , P193, P304              |
| Whelton, Paul .....            | MP26                                  | Xie, Yao Jie .....              | P111                   | Zakai, Neil A. ....         | P192, P341                            |
| Whelton, Paul K. ....          | P205                                  | Xu, Min .....                   | MP18                   | Zakhour, Christine M. ....  | 28                                    |
| Whelton, Seamus P. ....        | MP78                                  | Xu, Tan .....                   | MP86, P174             | Zatonski, Witold A. ....    | P006                                  |
| Whincup, P H. ....             | P079                                  | Xu, Xiaojing .....              | P356                   | Zee, Phyllis .....          | P299                                  |
| Whincup, Peter .....           | P049                                  | Xu, Yu .....                    | MP40                   | Zee, Phyllis C. ....        | P272                                  |
| White, Carole .....            | P199                                  | Xue, Xiaonan .....              | P037                   | Zeidler, Michelle .....     | P075                                  |
| White, Jessica R. ....         | <b>P230</b>                           | Yabe, Hirooki .....             | P090                   | Zemel, Babette S. ....      | P222                                  |
| White, Karen .....             | P349                                  | Yamagishi, Kazumasa .....       | MP06                   | Zeng, Donglin .....         | .08, 29, 33                           |
| Whitman, Isaac R. ....         | <b>P088</b>                           | Yamashina, Akira .....          | P026                   | Zhang, Cuilin .....         | P007, P163                            |
| Whitsel, Eric .....            | P357                                  | Yamashita, Shunichi .....       | P090                   | Zhang, Huijie .....         | <b>46</b>                             |
| Wiemken, Andrew S. ....        | <b>P276</b>                           | Yan, Raymond T. ....            | 28                     | Zhang, Mei .....            | P294                                  |
| Wiggs, Janey .....             | MP18                                  | Yanek, Lisa R. ....             | P190                   | Zhang, Wei .....            | P306                                  |
| Wilcox, Bradley .....          | P256                                  | Yang, Gong .....                | P321                   | Zhang, Weidong .....        | MP40                                  |
| Wilkins, John .....            | 48, <b>P223</b>                       | Yang, Quanhe .....              | <b>.05</b>             | Zhang, Weimin .....         | P095                                  |
| Willett, Walter .....          | 20, P042, P151                        | Yang, ShuYu .....               | 46                     | Zhang, Wen .....            | P090, P259                            |
| Willett, Walter C. ....        | 18, 25, MP14,                         | Yang, Wei .....                 | P168                   | Zhang, Xi .....             | P270                                  |
| .....                          | P046, P047, P313, P317                | Yang, Wenyang .....             | P205                   | Zhang, Xianglan .....       | P321                                  |
| Willett, Walter C. ....        | MP18                                  | Yano, Yuichiro .....            | P065, P066             | Zhang, Xiaoling .....       | P175                                  |
| Wiley, Joshua Z. ....          | <b>MP73</b> , MP85, P125, <b>P273</b> | Yao, Jack .....                 | MP96                   | Zhang, Yan .....            | P190                                  |
| Williams, Brent .....          | <b>MP07</b>                           | Yao, Jie .....                  | P357, P360             | Zhang, Ying .....           | 33, P344                              |
| Williams, Michelle .....       | P166                                  | Yao, Lu .....                   | MP26, <b>P021</b>      | Zhang, Yiyi .....           | MP39, P040, P045,                     |
| Williams, O. Dale .....        | MP53                                  | Yasumura, Seiji .....           | P090, P259             | .....                       | P141, P179, P181, P184                |
| Wilmot, Kobina A. ....         | <b>P052</b>                           | Yatsuya, Hiroshi .....          | MP06                   | Zhang, Yonghong .....       | MP86, P174                            |
| Wilson, Peter W. F. ....       | P235                                  | Ye, Lei .....                   | P110                   | Zhang, Yuan .....           | P255                                  |
| Wlund, Kenneth R. ....         | P213                                  | Yeboah, Joseph .....            | P176                   | Zhao, Beinan .....          | P352                                  |
| Windham, Beverly G. ....       | P279                                  | Yeh, Fawn .....                 | 33, P344               | Zhao, Di .....              | MP39, P040, P045,                     |
| Wing, Rena R. ....             | <b>MP15</b>                           | Yeh, Hsin Chieh .....           | P146                   | .....                       | P141, P179, P181, P184                |
| Winning, Ashley .....          | MP83                                  | Yeh, Hsin-Chieh .....           | P349                   | Zhao, Hong .....            | P238                                  |
| Wittman, Jacqueline C. M. .... | P050                                  | Yellen, Elizabeth .....         | P138                   | Zhao, Jinying .....         | <b>P123</b> , P366, P388              |
| Woerle, Hans-Juergen .....     | P332                                  | Yerges-Armstrong, Laura .....   | P392                   | Zhao, Liancheng .....       | 35                                    |
| Wolf, Philip A. ....           | MP46                                  | Yerges-Armstrong, Laura M. .... | <b>P365</b>            | Zhao, Lihui .....           | MP22, <b>P092</b>                     |
| Wolk, Alicja .....             | P009                                  | Yi, Stella S. ....              | <b>P286</b>            | Zhao, Qi .....              | <b>P205</b>                           |
| Woo, Jean .....                | P111                                  | Yin, Xiaoyan .....              | P099                   | Zheng, Wei .....            | P321                                  |
| Woo, Jessica G. ....           | <b>P083</b>                           | Yom, Tiana .....                | P310                   | Zheng, Yaguang .....        | P110, <b>P118</b> , P265              |
| Woodward, Mark .....           | P250                                  | York, Sarah .....               | MP10                   | Zheng, Yan .....            | MP18, MP25, <b>P033</b> , <b>P150</b> |
| Wormser, David .....           | P241                                  | Yoshita, Katsushi .....         | P041                   | Zhong, Yuna .....           | 05                                    |
| Wright, Clinton B. ....        | MP73                                  | Yoshita, Mitsuhiro .....        | MP73                   | Zhou, Haiming .....         | P211                                  |
| Wright, Eric .....             | P133                                  | Young, Deborah .....            | P115                   | Zhou, Weidan .....          | 12, MP30                              |
| Wright, Jacqueline .....       | P092                                  | Young, J Hunter .....           | P197                   | Zhu, Xiaofeng .....         | P070                                  |
| Wright, Jacqueline D. ....     | MP56                                  | Young, Terry .....              | MP69                   | Zhu, Yeyi .....             | P163                                  |
| Wruck, Lisa .....              | .03, MP60, P146, P340                 | Youngblood, Marston .....       | 33                     | Zhu, Yun .....              | <b>P388</b>                           |
| Wruck, Lisa M. ....            | 47, <b>P237</b> , P384                | Youngstedt, Shawn D. ....       | P072                   | Zhuang, XiongJie .....      | 46                                    |
| Wu, Aozhou .....               | <b>P158</b>                           | Younus, Adnan .....             | <b>P003</b> , P004     | Ziffer, Jack .....          | P258                                  |
| Wu, Chunyuan .....             | 50                                    | Yu, Bing .....                  | <b>MP48</b>            | Zimmerman, M. Bridget ..... | MP49                                  |
| Wu, Colin .....                | P182                                  | Yu, Danxia .....                | <b>P321</b>            | Zmuda, Joseph .....         | P261                                  |
| Wu, Hongyu .....               | 19                                    | Yuan, Jian Min .....            | P327                   | Zmuda, Joseph M. ....       | P298                                  |
| Wu, Jason H. ....              | <b>P295</b>                           | Yuan, Jian-Min .....            | P034, P196, P251, P335 | Zock, Peter L. ....         | MP13                                  |
| Wu, Wen-Chih .....             | <b>P156</b> , P270, P330              | Yuan, Keming .....              | P031                   | Zubair, Niha .....          | <b>56</b>                             |
| Wutchiett, David M. ....       | <b>MP38</b>                           | Yuki, Michiko .....             | P090                   | Zuk, Aleksandra .....       | P342                                  |
| Wylie-Rosett, Judith ....      | P037, P085, P257, P310                | Yunes, Elsa .....               | P074, P180, P309, P322 |                             |                                       |
| Wyman, Jean .....              | P288                                  | Zachariah, Justin .....         | P133                   |                             |                                       |

# Are You a Member?

**Members receive even more resources than before.**

Learn more about how you can access the best science and professionals in your field and across multiple disciplines. Professional Membership benefits include:

- The AHA research grant application fee is being waived for members. Apply today at [my.americanheart.org/research](http://my.americanheart.org/research).
- Considerable savings on all AHA/ASA conferences — Save up to \$300 on our smaller specialty conferences and up to \$400 on our largest annual Scientific Sessions conference.
- Online access to any seven AHA scientific journals of your choice (full text)\*
- Free access to Science OnDemand® Products — over \$300 value\*\*
- Opportunity to network with peers, meet and work with experts in the field, and participate on committees, writing groups and AHA-sponsored programs

\*Specific benefits dependent upon membership tier.

\*\*Restrictions apply. Visit [my.americanheart.org/membership](http://my.americanheart.org/membership) for more information.

Become a part of our international community of more than 32,000 members! Visit our booth onsite and receive a free gift when you join or renew; or learn more at [my.americanheart.org/membership](http://my.americanheart.org/membership)

©2014, American Heart Association 2/15DS7691

ARE  
YOU  
A MEMBER?



**EPI|LIFESTYLE 2016**

**SAVE THE DATE!**

**EPI/Lifestyle**

**2016 Scientific Sessions**

**March 1–4, 2016 | Hyatt Regency Phoenix | Phoenix, AZ**

*AHA members save up to \$300 off registration!  
[my.americanheart.org/epilifestylesessions](http://my.americanheart.org/epilifestylesessions)*

Cardiovascular diseases afflict people of all races, ethnicities, genders, religions, ages, sexual orientations, national origins and disabilities. The American Heart Association is committed to ensuring that our workforce and volunteers reflect the world's diverse population. We know that such diversity will enrich us with the talent, energy, perspective and inspiration we need to achieve our mission: building healthier lives, free of cardiovascular diseases and stroke.

For information on upcoming American Heart Association Scientific Conferences, visit **[my.americanheart.org](http://my.americanheart.org)**.



**EPI|LIFESTYLE**  
**2015**

National Center  
7272 Greenville Avenue  
Dallas, Texas 75231-4596