Nutrition, Physical Activity and Metabolism Conference 2009
March 10 – 12, 2009

49th Cardiovascular Disease Epidemiology and Prevention Annual Conference 2009
March 11 – 14, 2009

Innisbrook Resort and Golf Club
Palm Harbor, Florida
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<td>7:00 AM</td>
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<td>Nutrition, Physical Activity and Metabolism Conference (NPAM)</td>
<td>49th CVD Epidemiology and Prevention Conference (EPI) and Nutrition, Physical Activity and Metabolism (NPAM) Conference</td>
<td>49th CVD Epidemiology and Prevention Conference</td>
<td>49th CVD Epidemiology and Prevention Conference Third-Day Program</td>
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<td>Continental Breakfast Exhibits Open 7:30 Inverness Hall Foyer</td>
<td>Continental Breakfast Exhibits Open 7:30 Inverness Hall Foyer NIH Grant Review Information 7:30 – 8:20 Inverness Hall A</td>
<td>Continental Breakfast / Third-Day Program Poster Session 7:15 – 8:15 Stirling Hall Ballroom</td>
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<tr>
<td>8:30 AM</td>
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<td>Diabetes Inverness Hall A</td>
<td>EPI and NPAM Plenary Session Translation Featuring David Kritchevsky Memorial Lecture Inverness Hall A</td>
<td>Socioeconomic Stress and Cardiovascular Risk Inverness Hall A</td>
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<td>10:00 AM</td>
<td>Refreshment Break / Exhibits Inverness Hall Foyer</td>
<td>Refreshment Break / Exhibits Inverness Hall Foyer</td>
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<td>10:30 AM</td>
<td>Physical Activity Inverness Hall A</td>
<td>Concurrent Session A EPI – Genome Wide Association Studies Inverness Hall A</td>
<td>Concurrent Session B NPAM – Lifestyle Strategies for Weight Management Inverness Hall B</td>
<td>Novel Predictors of Cardiovascular Disease Inverness Hall A</td>
<td>The Global Burden of Cardiovascular Disease (cont.) Inverness Hall A</td>
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<tr>
<td>12:00 PM</td>
<td>Lunch NPAM Council Networking Luncheon Edinburgh Hall Ballroom East Exhibits Open</td>
<td>Lunch EPI and NPAM Professional Development Luncheons Luncheon locations TBA Exhibits Open</td>
<td>Lunch EPI Professional Development Luncheons Luncheon locations TBA Exhibits Open</td>
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<tr>
<td>1:30 PM</td>
<td>Nutrition Inverness Hall A</td>
<td>EPI and NPAM Plenary Session Trials of Lifestyle Moderation Featuring American Society for Preventive Cardiology Debate Inverness Hall A</td>
<td>Jeremiah and Rose Stamler Award Finalists’ Presentations Presentation of Award Inverness Hall A</td>
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<td>Obesity Inverness Hall A</td>
<td>Concurrent Session A EPI – Traditional Risk Factors, Novel Risk Factors and Mediators Inverness Hall A</td>
<td>Concurrent Session B NPAM – Behavioral Workshop: Update on Physical Activity Stirling Hall L-M-N</td>
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<td>Registration Opens Inverness Hall Foyer</td>
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<td>EPI and NPAM Poster Session Stirling Hall Ballroom</td>
<td>EPI Poster Session Stirling Hall Ballroom</td>
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Next year’s conference: March 2 – 6, 2010 ... visit my.americanheart.org for more information.
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
E-mail scientificconferences@heart.org
Web site my.americanheart.org

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• In the middle column you will see the Conference Calendar.
• Select the conference you are interested in attending for more details, such as Conference Description, Learning Objectives, Venue Information and more.

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Letter from the Chairs

Dear Colleague:

The American Heart Association’s Council on Epidemiology and Prevention and Council on Nutrition, Physical Activity and Metabolism are pleased to welcome you to its second dual conference. The Council on Nutrition, Physical Activity and Metabolism has developed a program that will be presented in advance of the Council on Epidemiology and Prevention’s 49th Annual Conference. The two conferences will overlap on the evening of March 11 and all day March 12, when scientific sessions developed by the Program Committees of both groups will be presented.

The primary goals of both programs are to reduce the prevalence and improve the treatment of coronary heart disease and stroke, and these two conferences will bring together an international audience of scientists intensely dedicated to the accomplishment of these goals. The Nutrition, Physical Activity and Metabolism program will present new information on lifestyle counseling (nutrition, exercise and weight control) in the clinical setting and on the integration and biological exploration of novel molecular markers of disease states that may be used in clinical practice.

The 49th Cardiovascular Disease Epidemiology and Prevention conference will present the most current information in the overall area of epidemiology and preventive cardiology, including: 1) US and international population trends in cardiovascular diseases and their risk factors; 2) causes and mechanisms of atherosclerosis and other vascular diseases; 3) a life-course approach to cardiovascular epidemiology and prevention from fetal life to aging; 4) results of treatment and prevention trials; 5) methods of population surveillance for cardiovascular disease and risk factors; 6) techniques in preventive cardiology; 7) genetic epidemiology for cardiovascular disease and risk factors; 8) diet, lifestyle and environmental predictors of cardiovascular disease; and 9) outcomes research in cardiovascular disease treatment.

The programs focus on the presentation of new research and are organized around oral and poster abstract presentations with specially integrated translational science lectures and debates on current issues in preventive cardiology. This format is intended to maximize the opportunities for thought provoking interaction among scientists.

The convening of experts in these areas impacts the ongoing improvement of research and prevention strategies. During both conferences, there is a strong emphasis placed on the education and training of young scientists, and specific activities are designed to increase the opportunities for interaction between new and senior investigators. Continuing education credit is provided to physicians, nurses, dietitians, pharmacologists and physician assistants.

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 AHA mission of building healthier lives, free of cardiovascular disease and stroke.

Sincerely,

Eric Rimm, ScD, FAHA  William E. Kraus, MD, FAHA
Chair, Council on Epidemiology and Prevention  Chair, Council on Nutrition, Physical Activity and Metabolism
Spring Conference Program Committee  Spring Conference Program Committee

Next year’s conference: March 2 – 6, 2010 ... visit my.americanheart.org for more information.
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 Nutrition, Physical Activity and Metabolism welcome the co-sponsorship of the following organizations:
The National Heart, Lung and Blood Institute, the American Society for Preventive Cardiology, the American Psychosomatic Society, the National Lipid Association, The Obesity Society, the American College of Sports Medicine, the Preventive Cardiovascular Nurses Association, the American Society for Nutrition and the Society of Behavioral Medicine.

The American Heart Association Council on Epidemiology and Prevention and Council on Nutrition, Physical Activity and Metabolism gratefully acknowledge the financial support provided for this program by Merck & Co., Inc., Unilever, the Sandra A. Daugherty Foundation, the American Heart Association Industry Nutrition Advisory Panel, The Obesity Society, and the National Forum for Heart Disease and Stroke.

The American Heart Association Council on Epidemiology and Prevention and Council on Nutrition, Physical Activity and Metabolism gratefully acknowledge the financial support provided for this program by Merck & Co., Inc., Unilever, the Sandra A. Daugherty Foundation, the American Heart Association Industry Nutrition Advisory Panel, The Obesity Society, and the National Forum for Heart Disease and Stroke.

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49th Cardiovascular Disease Epidemiology and Prevention Annual Conference

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David Siscovick, MD, MPH, FAHA, Vice-Chair

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David Herrington, MD, MHS, FAHA
Erik Ingelsson, MD, PhD
Nancy Swords Jenny, PhD, FAHA
William E. Kraus, MD, FAHA
Catherine Loria, PhD, MS, FAHA
Latha Palaniappan, MD, MS, FAHA
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Yuling Hong, MD, PhD, FAHA
James Jang, MD
Wolfgang Koenig, MD, FAHA
Francisco Lopez-Jimenez, MD, FAHA
Pamela Ouyang, MD
Kathryn M. Rexrode, MD, MPH
Nicolas Stettler, MD, MSCE, FAHA
Rachel Wildman, PhD, MPH, FAHA

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Charlotte Collins, PhD
Sherita Hill Golden, MD, MHS, FAHA
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Judith K. Ockene, PhD, FAHA
Deborah Rohm Young, PhD

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Wolfgang Koenig, MD, FAHA
Darwin Labarthe, MD, MPH, PhD, FAHA
Dariush Mozaffarian, MD, DrPH, FAHA
Latha Palaniappan, MD, MS, FAHA

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

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Matthew A. Allison
Cheryl Anderson
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Janice Barnhart
Ananda Basu
Lydia A.L. Bazzano
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Emir Veledar
Giovanni Veronesi
Jennifer Voeks
Saroja Voruganti
Thomas Wang
Rachel P. Wildman
Peter Wilson
Eric Wong
Wen-Chih Wu
Yu Yang
Deborah R. Young
Neil Zakai

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### Tuesday, March 10

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<td>Poster Session 1</td>
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<td>8:30 AM – 5:00 PM</td>
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<td>1:00 PM – 5:00 PM</td>
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<td>Refreshment Breaks</td>
<td>10:00 AM – 10:30 AM</td>
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<tr>
<td>Poster Session 4</td>
<td>5:00 PM – 7:00 PM</td>
<td>Stirling Hall Ballroom</td>
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</tbody>
</table>

### Saturday, March 14

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speaker Resource Center</td>
<td>7:30 AM – 12:00 PM</td>
<td>Green Room</td>
</tr>
<tr>
<td>Conference Registration</td>
<td>7:00 AM – 12:00 PM</td>
<td>Inverness Hall</td>
</tr>
<tr>
<td>Continental Breakfast and Poster Session</td>
<td>7:15 AM – 8:15 AM</td>
<td>Stirling Hall Ballroom</td>
</tr>
<tr>
<td>Special Session on the Global Burden of Cardiovascular Disease</td>
<td>8:30 AM – 12:00 PM</td>
<td>Inverness Hall A</td>
</tr>
<tr>
<td>Refreshment Breaks</td>
<td>10:00 AM – 10:30 AM</td>
<td>Inverness Hall Foyer</td>
</tr>
<tr>
<td>3:00 PM – 3:30 PM</td>
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</tbody>
</table>

**Photo Courtesy of Innisbrook Resort and Golf Club**
Next year's conference: March 2 – 6, 2010 ... visit my.americanheart.org for more information.
Program Information

Conference Descriptions and Learning Objectives

The 49th Cardiovascular Disease Epidemiology and Prevention Annual Conference is a scientific program designed to provide participants with the opportunity to learn current information about:

- U.S. and international population trends in cardiovascular diseases and their risk factors.
- Causes and mechanisms of atherosclerosis and other vascular diseases.
- A life-course approach to cardiovascular epidemiology and prevention from fetal life to aging.
- Results of cardiovascular disease treatment and prevention trials.
- Methods of population surveillance for cardiovascular disease and risk factors.
- Techniques in preventive cardiology.
- Genetic epidemiology for cardiovascular disease and risk factors.
- Diet, lifestyle and environmental predictors of cardiovascular disease.

Learning Objectives
At the conclusion of the 49th Cardiovascular Disease Epidemiology and Prevention program, participants should be able to:

- Identify risk factors and U.S. and international population trends in cardiovascular disease and associated conditions, such as obesity, hypertension, and diabetes.
- Demonstrate analytical approaches to understanding the current management of cardiovascular disease and its risk factors.
- Integrate into their activities information about results of cardiovascular disease treatment and prevention trials and their appropriate interpretation.
- Apply methods for translation of epidemiologic findings to other research settings, public health, or clinical practice.

The Nutrition, Physical Activity, and Metabolism Conference 2009 is a scientific program designed to present new findings on:

- Ways to institute lifestyle counseling (nutrition, exercise, and weight control) in the clinical setting.
- The integration of new understanding of molecular markers of disease state into clinical practice.

Learning Objectives
At the conclusion of the Nutrition, Physical Activity and Metabolism program, participants should be able to:

- Interpret the advancements in molecular understanding of nutrition, physical activity, obesity and metabolism on cardiovascular risk and risk reduction.
- Describe how molecular assessment tools (genetics, genomics and proteomics) will improve cardiovascular risk reduction in the near future.
- Enumerate recent advances in behavioral techniques to promote favorable lifestyle changes in the clinical setting.
- Institute assessment of nutrition, physical activity and obesity as a vital sign into common clinical assessment.
Program Information (continued)

Continuing 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 educational activity for a maximum of 26.50 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Continuing Education Accreditation – Physician Assistants

AAPA accepts Category I credit from AOACCME, Prescribed credit from AAFP, and AMA PRA Category 1 Credit™ from organizations accredited by ACCME.

Continuing Education Accreditation – Nurses

This program (09-NC-209) has been approved by the American Association of Critical Care Nurses (AACN) for 26.50 Contact Hours, Category A, File number 00014666.

Continuing Education Accreditation – Pharmacists

The American Heart Association is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. ACPE Credit: 26.50 Contact Hours or 2.650 CEUs. Universal Program Number: 256-000-09-591-L01-P.

Continuing Education Accreditation – Dietitians

This program has been approved by the Commission on Dietetic Registration for 27.50 CPEU's, Level 2. Certificates of Attendance are available at the conference registration desk.

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

Follow these steps to receive your continuing education credit certificate:

- After the conference, you will be sent a link via email to the AHA online CME/CE site “Professional Education Center.” Use this link to connect to the Web site.
- Sign in using your AHA Username and Password. If you do not have a Username and Password, you will be prompted to sign up.
- Complete the activity evaluation survey and print your CME/CE Certificate from your own printer. There is no fee for CME/CE credits for this activity. The link to the CME/CE “Professional Education Center” Web site is learn.heart.org.

Abstract Presentations

Oral and poster abstracts presented at the joint conference will be published in the March 17, 2009 online issue of the AHA journal Circulation (http://circ.ahajournals.org). Copies are included in this brochure. The numbers beside the abstracts listed in the program correspond with the numbers assigned to the abstracts.
Conference Highlights

Featured Lectures and Programs

The Council on Epidemiology and Prevention’s Frederick H. Epstein Memorial Lecture, March 13, 3:30 PM. Pierre Ducimetiere, PhD, INSERM, Villejuif, France; “The French Paradox: Fact, Fantasy or Mystery?”
This special lecture made possible by a grant from Mrs. Frederick H. Epstein.

The Council on Nutrition, Physical Activity and Metabolism’s David Kritchevsky Memorial Lecture, March 12, 8:45 AM. Professor Graham MacGregor, St. George’s University of London; “Salt Reduction: From Evidence to Worldwide Implementation.”
This special lecture is made possible by a grant from Unilever.

American Society for Preventive Cardiology Annual Debate. March 12, 1:30 PM. Featuring Walter Willett, MD, DrPH, Harvard School of Public Health, Boston, MA, and Barbara V. Howard, PhD, Medstar Research Institute, Hyattsville, MD. Topic: “Do We Need Clinical Trials to Tell People What Lifestyle Habits Will Prevent Heart Disease?”

The Council on Epidemiology and Prevention’s “Third-Day Program,” March 14, 8:30 AM – Noon, entitled “The Global Burden of Cardiovascular Disease.” This program will highlight the implications of the global burden of cardiovascular disease, lessons learned from past experience and ongoing efforts to prevent and control cardiovascular disease and its risk factors in the US and other countries, and the role the AHA and other organizations can play to curb the epidemic.

Keynote Speakers for the Council on Nutrition, Physical Activity and Metabolism sessions:

March 11

- 8:40 AM. Diabetes: Patrick J. Boyle, MD, University of New Mexico, Albuquerque, NM: Glycemic Control and Coronary Disease – Is There a Cardiac Benefit of Improved Glucose Control?
- 10:30 AM. Physical Activity: Charles E. Matthews, PhD, Vanderbilt University Medical Center, Nashville, TN: Assessment of Active and Sedentary Behaviors: Implications for Research and Clinical Practice
- 1:30 PM. Nutrition: Edward Giovannucci, MD, ScD, Harvard School of Public Health, Boston, MA: Vitamin D and Cardiovascular Health
- 3:30 PM. Obesity: Steven R. Smith, MD, Pennington Biomedical Research Center, Baton Rouge, LA: A Central Role for Adipose Tissue in the Metabolic Syndrome

March 12

- 10:30 AM. Behavior: Lora E. Burke, PhD, MPH, University of Pittsburgh, Pittsburgh, PA.: Lifestyle Strategies for Weight Management: The State of the Science

The Nutrition, Physical Activity and Metabolism Council will present two concurrent workshops on March 12 at 3:30 PM.

- Guidelines for Health Behavior Change: Best Practices for Implementing Them
  Speakers include Thomas A. Pearson, MD, MPH, University of Rochester, Rochester, NY; Judith K. Ockene, PhD, University of Massachusetts, Worcester, MA and Larry A. Green, MD, University of Colorado, Denver, CO

- Update on Physical Activity
  Speakers include Bess Marcus, PhD, Brown University and the Miriam Hospital, Providence, RI; James F. Sallis, PhD, San Diego State University, San Diego, CA and Lin Ewing, PhD, RN, University of Pittsburgh, Pittsburgh, PA

Keynote speakers for Council on Epidemiology and Prevention sessions:

March 12

- 10:30 AM. Christopher O’Donnell, MD, MPH, NHLBI Framingham Heart Study, Framingham, MA: Progress and Promise of Genome Wide Association Studies for Cardiovascular Disease

March 13

- 8:30 AM. Karen Matthews, PhD, University of Pittsburgh School of Medicine, Pittsburgh, PA.: Socioeconomic Status, Psychological Stress, and Risk for Cardiovascular Disease: What’s New?
- 10:30 AM. F. Javier Nieto, MD, PhD, University of Wisconsin, Madison, WI: Sleep Disorders and Cardiovascular Disease
Join the Council on Epidemiology and Prevention and the Council on Nutrition, Physical Activity and Metabolism for these other exciting activities scheduled during the conferences:

- **Networking Luncheon** (Noon, March 11). Learn how to become involved in Nutrition, Physical Activity and Metabolism Council's efforts to promote the expansion and exchange of knowledge on nutrition, physical activity and metabolism related to cardiovascular disease and stroke. Tickets may be obtained when registering. There is no fee, but registration is limited.

- Trainees in the National Heart, Lung, and Blood Institute (NHLBI)-supported programs will present their work in the Cardiovascular Epidemiology/Biostatistics and Behavioral Medicine Trainee Session, (1:00 – 5:00 PM, March 11). There is no separate registration fee for this session, and all conference registrants are invited to attend.

- Join the Council on Epidemiology and Prevention Minority and Early Career Committees for a reception to be held immediately following the NHLBI Trainee Session (5:00 – 6:00 PM, March 11).

- **Review of Epidemiologic Research at the NIH** (7:30 – 8:20 AM, March 12). The speaker is J. Scott Osborne III, PhD, MPH, Health Scientist Administrator and Scientific Review Officer, Cardiovascular and Sleep Epidemiology (CASE) Study Section, the Center for Scientific Review, National Institutes of Health. The session will provide an overview of the path from “idea” to “application” for epidemiologic research and will describe the process of the review of epidemiology applications at the NIH. Common problems in applications will be discussed and qualities of successful applications will be described. An opportunity to address specific questions is planned after the presentation. There is no separate registration fee for this session, and all conference registrants are invited to attend.

- **Connection Corner** (during refreshment breaks and breakfasts on March 12 and 13). A networking opportunity for conference attendees (especially first-time attendees and junior investigators). For more information, see conference Web site and program materials to be distributed on-site.

- **Professional Development Roundtable Luncheons** (Noon, March 12 and 13). Meet the experts on various topics of interest to our attendees! There is no fee and advance registration is not required, but attendance is limited to first arrivals. A light lunch will be served. For more information, see conference Web site and program materials to be distributed on-site.

- **Joint Council Annual Reception and Dinner** (7:00 PM, March 12). The cost is $30 per person for registrants and their guests. A cash bar will be offered along with food, drinks, and great entertainment! Tickets may be purchased when registering for the conference.

- The winners of the **New Investigator Awards** of the Council on Epidemiology and Prevention and the Council on Nutrition, Physical Activity and Metabolism will be announced at the dinner:
  - The Jeremiah and Rose Stamler Research Award for New Investigators
  - The Sandra A. Daugherty Award for Excellence in Cardiovascular Disease or Hypertension Epidemiology
  - Roger R. Williams Memorial Award for Genetic Epidemiology and the Prevention and Treatment of Atherosclerosis
  - Trudy Bush Fellowships for Cardiovascular Research in Women’s Health
  - The Mark Bieber Award
  - The Steven N. Blair Award for Excellence in Physical Activity Research
Conference Awards

The Council on Epidemiology and Prevention is pleased to announce the names of the winners and finalists of the four sponsored awards.

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 is designed to recognize and stimulate excellence in research by investigators in training.

**Finalists**  |  **Presentation Number**  |  **Presentation Date/Time**
--- | --- | ---
Shaoyong Su | 44 | Friday, March 13, 1:30 PM
Qi Sun | 45 | Friday, March 13, 1:45 PM
Kiran Musunuru | 46 | Friday, March 13, 2:00 PM
Anna Kottgen | 47 | Friday, March 13, 2:15 PM
Sunil K. Agarwal | 48 | Friday, March 13, 2:30 PM

The winner will be announced immediately following Session 11, Friday, March 13, at 2:45 PM. The finalists will be recognized at the Joint Council Dinner on Thursday, March 12.

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 is designed to recognize the role of junior faculty and to stimulate excellence in research by junior investigators.

**Finalists**  |  **Presentation Number**  |  **Presentation Date/Time**
--- | --- | ---
Lu Wang | P48 | Wednesday, March 11, 6:00 PM
Jun Dai | P49 | Wednesday, March 11, 6:00 PM
Sarah E. Messiah | P50 | Wednesday, March 11, 6:00 PM
Kirsten Bibbins-Domingo | P51 | Wednesday, March 11, 6:00 PM
Jingying Zhao | P52 | Wednesday, March 11, 6:00 PM

The winner of the award will be announced during the Joint Council Dinner on Thursday, March 12. The Council on Epidemiology and Prevention gratefully acknowledges the grant provided by the Sandra A. Daugherty Foundation.

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

**Winner**  |  **Presentation Number**  |  **Presentation Date/Time**
--- | --- | ---
Marilyn Cornelis | 21 | Thursday, March 12, 11:25 AM

The winner will be recognized at the Joint Council Dinner on Thursday, March 12. 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**
--- | --- | ---
Amit Khera | P85 | Wednesday, March 11, 6:00 PM
Erik Ingelsson | P337 | Friday, March 13, 5:00 PM
Heidi Mochari | P345 | Friday, March 13, 5:00 PM

The winners will be recognized at the Joint Council Dinner on Thursday, March 12. The Council on Epidemiology and Prevention gratefully acknowledges the grant provided by Wyerth-Ayerst Pharmaceuticals for the support of this award.
Conference Awards (continued)

The Council on Nutrition, Physical Activity and Metabolism is pleased to announce the names of the winners and finalists of the two sponsored awards:

The Mark Bieber Award honors the memory of Dr. Bieber, one of the founding members of the AHA Industry Nutrition Advisory Panel, for his significant contributions to the field of nutritional science. The award is designed to recognize an early career investigator for outstanding nutrition-related research.

<table>
<thead>
<tr>
<th>Finalists</th>
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<th>Presentation Date/Time</th>
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<tbody>
<tr>
<td>Sunita Dodani</td>
<td>P42</td>
<td>Tuesday, March 10, 6:00 PM</td>
</tr>
<tr>
<td>Lu Qi</td>
<td>1</td>
<td>Wednesday, March 11, 9:05 AM</td>
</tr>
<tr>
<td>Yiqing Song</td>
<td>4</td>
<td>Wednesday, March 11, 9:50 AM</td>
</tr>
</tbody>
</table>

The winner will be announced at the Joint Council Dinner on Thursday, March 12. The Council on Nutrition, Physical Activity and Metabolism gratefully acknowledges the grant provided by the AHA Industry Nutrition Advisory Panel for the support of this award.

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

<table>
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<tr>
<th>Winner</th>
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<th>Presentation Date/Time</th>
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<tbody>
<tr>
<td>Chong D. Lee</td>
<td>5</td>
<td>Wednesday, March 11, 10:55 AM</td>
</tr>
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</table>

The winner will be recognized at the Joint Council Dinner on Thursday, March 12.

Be in the know.
Know what. Know when. Know where.

Those in the know are attending these accredited scientific conferences of the American Heart Association.

Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke Conference 2009
April 23 – 25, 2009
Wardman Park Marriott Hotel / Washington, D.C.

Arteriosclerosis, Thrombosis and Vascular Biology Annual Conference 2009
April 29 – May 1, 2009
Omni Shoreham Hotel / Washington, D.C.

Basic Cardiovascular Sciences Annual Conference 2009 – Molecular Mechanisms of Cardiovascular Disease
July 20 – 23, 2009
The Ritz Carlton / Lake Las Vegas, NV

35th Ten Day Seminar on the Epidemiology and Prevention of Cardiovascular Disease
July 26 – Aug 7, 2009
Granlibakken Conference Center / Tahoe City, CA
Application deadline: March 23, 2009
Program Information

Speaker Resource Room
The Speaker Resource Room is located in the Green Room of Inverness Hall. 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. 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 10.........................1:00 PM – 5:00 PM
- Wednesday, March 11...................7:30 AM – 5:00 PM
- Thursday, March 12.......................7:30 AM – 5:00 PM
- Friday, March 13..........................7:30 AM – 5:00 PM
- Saturday, March 14.........................7:30 AM – Noon

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

Hotel Services
- Business Center (including shipping and receiving): Edinburgh Building Foyer
- Concierge Service: Dial “0” or visit desk in Osprey Clubhouse
- First Aid/Medical/Security: Dial “77”
- Fitness Center: Fitness Center Building
- Gift Shops: All clubhouses, Tennis Center, Loch Ness Pool and Corner Shoppe
- Restaurant Reservations: Dial “5220” for assistance
- Transportation:
  - Within Property: Dial “0” from any house phone for building to building shuttles
  - Taxi Service and Shuttle Drop-Off/Pick-Up: Osprey Clubhouse (must call ahead for taxi service)
  - Beach Shuttle: Dial “0” for reservations and service

SAVE THE DATE!

Nutrition, Physical Activity and Metabolism Conference 2010
March 2 – 4, 2010

50th Cardiovascular Disease Epidemiology and Prevention Annual Conference 2010
March 3 – 6, 2010

Hilton San Francisco / San Francisco, California
Disclaimer
The Joint Conference is a scientific and educational conference for the purpose of 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 course of 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/NPAM Conference, no later than March 30, 2009.

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 Nutrition, Physical Activity and Metabolism Conference or the 49th Cardiovascular Disease Epidemiology and Prevention Conference 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
Cardiovascular Epidemiology, Biostatistics
and Behavioral Medicine Trainee Session

Wednesday, March 11, 2009
1:00 PM – 5:00 PM
Innisbrook Resort and Golf Club,
Palm Harbor, Florida

SESSION I
1:00 PM – 3:00 PM
Moderators:
Michael Lauer, Bethesda, MD
Martha Daviglus, Chicago, IL

1:00 Comparison of Visit-Based and Event-Based Definitions of Incident Chronic Kidney Disease in the Atherosclerosis Risk in Communities (ARIC) Study
Bash LD, Coresh J, Köttgen A, Parekh R, Johns Hopkins Medical Institutions, Baltimore, MD; Fulop T, University of Mississippi Medical Center, Jackson, MS; Wang Y, Astor BC, Johns Hopkins Medical Institutions, Baltimore, MD

1:15 The Associations Between Different Measures of Blood Pressure and Calcified Atherosclerosis in Multiple Vascular Beds
Jensky NE, Allison MA, University of California San Diego, San Diego, CA

1:30 Deaf Perceptions on Cardiovascular Health
McKee M, Chin N, University of Rochester, Rochester, NY; Cuculick J, National Institute for the Deaf, Rochester, NY; Schlehofer D, Starr M, Demers S, University of Rochester, Rochester, NY

1:45 Heritability of Subclinical Atherosclerosis in Multi-Generational Families of African Ancestry: The Tobago Family Health Study

2:00 Calibration of Heart Failure as the Cause of Death: the Atherosclerosis Risk in Communities (ARIC) Study
Anthony J, Rosamond W, Gillings, University of North Carolina, Chapel Hill, NC; Thom T, National Heart, Lung, and Blood Institute, National Institutes of Health, Bethesda, MD; Massing M, Gillings School of Global Public Health, University of North Carolina, Chapel Hill, NC; Golden SH, Johns Hopkins University, Baltimore, MD; Heiss G, Gillings University of North Carolina, Chapel Hill, NC

2:15 Mendelian Randomization, Causality and Pedigrees
Morris NJ, Stein CM, Elston R, Case Western Reserve University, Cleveland, OH

2:30 GWAS of Reactive Blood Pressure Phenotypes Involving Central Nervous System Stimulation: the HyperGEN Study
Wojczynski MK, University of Alabama at Birmingham, Birmingham, AL; Hunt SC, University of Utah, Salt Lake City, UT; Patki A, Vaughan LK, University of Alabama at Birmingham, Birmingham, AL; Rao DC, Washington University, St. Louis, MO; Broeckel U, Medical College of Wisconsin, Milwaukee, WI; Tiwari HK, Arnett DK., University of Alabama at Birmingham, Birmingham, AL

2:45 Socioeconomic Status and Cardiac Diagnostic Testing During an Index Heart Failure Hospitalization: The Atherosclerosis Risk in Communities Study
Foraker RE, Rose KM, Chang PP, University of North Carolina, Chapel Hill, NC; Bertoni AG, Wake Forest University, Winston-Salem, NC; Whitsel EA, Suchindran CM, Rosamond WD, University of North Carolina, Chapel Hill, NC

3:00 Refreshment Break
**SESSION II**  
3:15 PM – 5:00 PM  

**Moderators:**  
Kim Sutton-Tyrell, Pittsburgh, PA  
Eric Whitsel, Chapel Hill, NC

3:15 **Contextual Influences on Children’s Obesity Risk: A Neighborhood Case Study**  
Johnson RL, Ellen J, Jennings J, Johns Hopkins University, Baltimore, MD

3:30 **Short-Term and Long-Term Risk of First Ischemic Stroke after Transient Ischemic Attack**  
Thacker EL, Wiggins KL, Longstreth WT Jr, Bis JC, Rice KM, University of Washington, Seattle, WA; Dublin S, Group Health, Seattle, WA; Smith NL, Heckbert SR, Psaty BM, University of Washington, Seattle, WA

3:45 **Socioeconomic Status and Incident Type 2 Diabetes Mellitus: Results from the Women’s Health Study**  
Lee TC, Glynn RJ, Conen D, Ridker PM, Buring JE, Albert MA, Brigham and Women’s Hospital, Boston, MA

4:00 **Metabolic Syndrome and Risk of Incident Atrial Fibrillation in the Atherosclerosis Risk in Communities (ARIC) Study**  
Chamberlain A, University of Minneapolis, MN; Agarwal SK, University of North Carolina at Chapel Hill, Chapel Hill, NC; Ambrose M, Johns Hopkins University, Baltimore, MD; Folsom A, University of Minnesota, MN; Soliman EZ, Wake Forest University, Winston-Salem, NC; Alonso A, University of Minneapolis, MN

4:15 **Dietary Patterns and Risk of Type 2 Diabetes in Singaporean Chinese**  
Odegaard AO, Pereira MA, Yu MC, University of Minnesota, Minneapolis, MN

4:30 **Birth Cohort Effects on Childhood BMI Trajectories: 70 Years of Data from the Fels Longitudinal Study**  
Soloway LE, Erickson D, University of Minnesota, Minneapolis, MN; Choh AC, Lee M, Chumlea WmC, Siervoel RM, Czerwinski SA, Towne B, Lifespan Health Research Center, Wright State University, Dayton, OH; Demerath EW, University of Minnesota, Minneapolis, MN

4:45 **Vitamin D Status and Cardiovascular Disease Risk Factors in the US Adolescent Population**  
Reis JP, Johns Hopkins Medical Institutions, Baltimore, MD; von Mühlen D, University of California, San Diego, CA; Miller III ER, Michos ED, Appel LJ, Johns Hopkins Medical Institutions, Baltimore, MD

5:00 **Adjourn**
**Program**

**Nutrition, Physical Activity and Metabolism Conference 2009 and 49th Cardiovascular Disease Epidemiology and Prevention Conference**

### TUESDAY, MARCH 10, 2009

**5:00 PM – 6:00 PM**

**Opening Reception**

Sponsored by the American Heart Association’s Industry Nutrition Advisory Panel

**6:00 PM – 8:00 PM**

**Poster Session 1**

(P1 – P47)

- Psychosocial/Behavior
- Physical Activity
- Biomarkers
- Nutrition
- Obesity
- Diabetes/Metabolic Syndrome
- Lipids and Lipoproteins

### WEDNESDAY, MARCH 11, 2009

**7:30 AM**

**Continental Breakfast**

**8:30 AM**

**Welcome**

William E. Kraus, Chair
Counsel on Nutrition, Physical Activity and Metabolism
Spring Conference Program Committee

**Opening Address**

Barry Franklin, Chair
Counsel on Nutrition, Physical Activity and Metabolism
Leadership Committee

### SESSION 1

**Diabetes**

**8:40 AM – 10:05 AM**

**Moderators:**
Patrick J Boyle, Albuquerque, NM
Lu Qi, Boston, MA

**8:40**

**Glycemic Control and Coronary Disease: Is there a Cardiac Benefit of Improved Glucose Control?**

Patrick J Boyle, Univ of New Mexico, Albuquerque, NM

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors/Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:05</td>
<td>Genetic Predisposition Modifies Western Diet Pattern in Predicting the Risk of Type 2 Diabetes: A Prospective Study</td>
<td>Lu Qi, Marilyn Cornelis, Cui Lin Zhang, Rob van Dam, Frank Hu, Harvard Sch of Public Health, Boston, MA</td>
</tr>
<tr>
<td>9:20</td>
<td>Carbohydrate Quality of Diet Modifies Risk of Type 2 Diabetes Associated with TCF7L2 in US Women</td>
<td>Marilyn Cornelis, Lu Qi, Peter Kraft, Frank B Hu, Harvard Sch of Public Health, Boston, MA</td>
</tr>
<tr>
<td>9:35</td>
<td>Adherence to the DASH Diet Is Inversely Associated with Incident Type 2 Diabetes: The Insulin Resistance Atherosclerosis Study</td>
<td>Angela D Liese, Michele Nichols, Xuezheng Sun, Univ of South Carolina, Columbia, SC; Ralph B D'Agostino Jr, Wake Forest Univ, Winston-Salem, NC; Steven M Haffner, Univ of Texas, San Antonio, TX</td>
</tr>
<tr>
<td>9:50</td>
<td>Effect of Homocysteine-Lowering Treatment with Folic Acid and B Vitamins on Risk of Type 2 Diabetes Mellitus in Women: A Randomized Controlled Trial</td>
<td>Yiqing Song, Nancy R Cook, Christine M Albert, Martin Van Denburgh, JoAnn E Manson, Brigham &amp; Women's Hosp, Harvard Medical Sch, Boston, MA</td>
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**10:05**

**Refreshment Break**

### SESSION 2

**Physical Activity**

**10:30 AM – 11:55 AM**

**Moderators:**
Chong D Lee, Mesa, AZ
Charles E Matthews, Nashville, TN

**10:30**

**Assessment of Active and Sedentary Behaviors: Implications for Research and Clinical Practice**

Charles E Matthews, Vanderbilt Univ Medical Ctr, Nashville, TN

**10:55**

**Cardiorespiratory Fitness and Coronary Heart Disease Events in Young Adults: ACLS Study**

Chong D Lee, Arizona State Univ, Mesa, AZ; Xuemei Sui, Steven N Blair, Univ of South Carolina, Columbia, SC

**11:10**

**Recreational Physical Activity and Recurrent Cardiovascular Disease Events in Myocardial Infarction Survivors: The Western New York Health Study, 1996-2004**

Joan M Dorn, Michael J LaMonte, Kathleen M Hovey, Richard P Donahue, Maurizio Trevisan, Univ at Buffalo, Buffalo, NY
### SESSION 3
**Nutrition**
1:30 PM – 2:55 PM

**Moderators:**
Edward Giovannucci, Boston, MA
Sandy Saintonge, Flushing, NY

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<tr>
<th>Time</th>
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<th>Authors/Institutions</th>
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<tr>
<td>1:30</td>
<td>Vitamin D and Cardiovascular Disease</td>
<td>Edward Giovannucci, Harvard Sch of Public Health, Boston, MA</td>
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<td>2:10</td>
<td>Dietary Vitamin D Is Associated with Body Fat Percentage and Visceral Fat in Healthy Adolescents</td>
<td>Inger S Stallmann-Jorgensen, Maribeth H Johnson, Haidong Zhu, Patricia Hall, Jeannie L Hatfield-Laube, Matthew C Humphries, Paule Barbeau, Bernard Gutin, Yanbin Dong, Medical Coll of Georgia, Augusta, GA</td>
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<td>2:40</td>
<td>Baseline C-Reactive Protein Influences Lipid Responses to Low-Fat and High Polyunsaturated Fat Diets</td>
<td>Marie-Pierre St-Onge, Columbia Univ, New York, NY; Sijian Zhang, Betty Darnell, David Allison, Univ of Alabama at Birmingham, Birmingham, AL</td>
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### SESSION 4
**Obesity**
3:30 PM – 4:55 PM

**Moderators:**
Caroline Rhéaume, Quebec, QC, Canada
Steven R Smith, Baton Rouge, LA

- **A Central Role for Adipose Tissue in the Metabolic Syndrome**
  Steven R Smith, Pennington Biomedical Res Ctr, Baton Rouge, LA

- **Visceral Obesity, Cardiorespiratory Fitness, and Blood Pressure in Healthy Middle-Aged Men and Women**
  Caroline Rhéaume, Family Med Unit, Hop Laval Res Ctr, Quebec, QC, Canada; Benoit J Arsenault, Hop Laval Res Ctr, Quebec, QC, Canada; Stephane Belanger, Family Med Unit, Hop Laval Res Ctr, Quebec, QC, Canada; Louis Perusse, Angelo Tremblay, Univ Laval, Quebec, QC, Canada; Claude Bouchard, Pennington Biomedical Res Ctr, Baton Rouge, LA; Paul Poirier, Jean-Pierre Despres, Hop Laval Res Ctr, Quebec, QC, Canada

- **Brown Adipose Tissue, Body Mass Index, and Glucose in Humans**
  Nicole Mihalopoulos, Paul Young, Richard Holubkov, John M Hoffman, Univ of Utah, Salt Lake City, UT

- **Elementary-Aged Children Lose Weight and Blood Pressure Improvements (Achieved During the School Year) During Summer Vacation**
  Danielle Hollar, Agatston Res Fndn, Miami Beach, FL; Sarah E Messiah, Gabriela Lopez-Mitnik, Univ of Miami, Miller Sch of Med, Miami, FL; Theodore L Hollar, Arthur S Agatston, Agatston Res Fndn, Miami Beach, FL

- **Association of Aspartame and Aspartic Acid Intakes with Body Mass Index Among US Adults: The INTERMAP Study**
  Chiang-Ching Huang, Northwestern Univ, Chicago, IL; Ka He, Univ of North Carolina, Chapel Hill, NC; Martha Daviglus, Linda Van Horn, Kiang Liu, Jeremiah Stamler, Northwestern Univ, Chicago, IL; the INTERMAP Research Group
Program (continued)

6:00 PM – 8:00 PM  
Poster Session 2  
(P48 – P157)  
- Sandra A. Daugherty Award for Excellence in Cardiovascular Disease or Hypertension Epidemiology  
- Diabetes/Metabolic Syndrome  
- Obesity  
- Nutrition  
- Physical Activity  
- Psychosocial/Behavioral  
- Biomarkers

THURSDAY, MARCH 12, 2009

SESSION 5  
Translation  
8:30 AM – 9:55 AM  
Moderators:  
Mary Cushman, Burlington, VT  
Eric Rimm, Boston, MA

8:30  Welcome  
Eric Rimm, Chair  
Council on Epidemiology and Prevention  
Spring Conference Program Committee

Opening Address  
Mary Cushman, Chair  
Council on Epidemiology and Prevention  
Leadership Committee

8:45  Introduction  
Lawrence J Appel, Baltimore, MD

8:50  David Kritchevsky Memorial Lecture  
Salt Reduction, from Evidence to Worldwide Implementation  
Graham A MacGregor, St George's Univ of London, London, United Kingdom

9:25  Physical Activity, the Framingham Risk Score, and Risk of Coronary Heart Disease in Men and Women of the EPIC-Norfolk Study  
Benoit J Arséneault, Hosp Laval Res Ctr, Quebec, QC, Canada; Jamal S Rana, Cedars-Sinai Medical Ctr, Los Angeles, CA; Isabelle Lemieux, Jean-Pierre Després, Hosp Laval Res Ctr, Quebec, QC, Canada; Nicholas J Wareham, Univ of Cambridge, Cambridge, United Kingdom; John J Kastelein, S Matthijs Boekholdt, Academic Medical Ctr, Amsterdam, Netherlands; Kay-Tee Khaw, Univ of Cambridge, Cambridge, United Kingdom

9:40  Translating the Diabetes Prevention Program Lifestyle Intervention to a Real World Healthcare Setting  
M Kaye Kramer, Rachel G Miller, Trevor J Orchard, Univ of Pittsburgh, Pittsburgh, PA

9:55  Refreshment Break

CONCURRENT SESSION 6A  
Genome Wide Association Studies  
10:30 AM – 11:55 AM

Moderators:  
Erik Ingelsson, Stockholm, Sweden  
Ramachandran S. Vasan, Boston, MA

10:30  Progress and Promise of Genome-wide Association Studies for Cardiovascular Disease  
Christopher J O’Donnell, NHLBI Framingham Heart Study, Framingham, MA

10:55  The Association of Genome-wide Genetic Variation with Incident Heart Failure in Adults of European Ancestry: The CHARGE Consortium  
Nicholas L Smith, Univ of Washington, Seattle, WA; Alanna C Morrison, Univ of Texas, Houston, TX; Serkalem Demissie, Boston Univ, Boston, MA; Janine F Felix, Erasmus Univ Medical Ctr, Rotterdam, Netherlands; Bruce M Psaty, Univ of Washington, Seattle, WA; Eric Boerwinkle, Univ of Texas, Houston, TX; Ramachandran S Vasan, Boston Univ, Boston, MA; Jacqueline C Witterman, Erasmus Univ Medical Ctr, Rotterdam, Netherlands

11:10  Genetic Architecture of Coronary Artery Disease  
Christian Hengstenberg, Univklinikum Regensburg, Regensburg, Germany; Cardiogenics Consortium

11:25  Joint Effects of Common Genetic Variants on the Risk of Type 2 Diabetes in US Men and Women  
Marilyn Cornelis, Lu Qi, Harvard Sch of Public Health, Boston, MA; Culin Zhang, Natl Inst of Child Health and Human Development, Rockville, MD; Peter Kraft, JoAnn Manson, Tianxi Cai, David J Hunter, Frank B Hu, Harvard Sch of Public Health, Boston, MA

11:40  Common Variants at 10 Loci Influence Myocardial Repolarization: The QTGEN Consortium  
Christopher Newton-Cheh, Ctr for Human Genetic Res, Cardiovascular Res Ctr, Massachusetts General Hosp; Program in Medical and Population Genetics, Broad Inst of Harvard and MIT, Boston/ Cambridge, MA; Mark Eijgelsheim, Erasmus Medical Ctr, Rotterdam, Netherlands; Kenneth Rice, Univ of Washington, Seattle, WA; Paul I de Bakker, Program in Medical and Population Genetics, Broad Inst of Harvard and MIT; Brigham and Women's Hosp, Harvard Medical Sch-Partners HealthCare Ctr for Genetics and Genomics, Cambridge/ Boston, MA; Xiaoyan Yin, NHLBI Framingham Heart Study; Boston Univ, Framingham/Boston, MA; Karol Estrada, Erasmus Medical Ctr, Rotterdam, Netherlands; Joshua Bis, Kristin D Marciane, Cardiovascular Health Res Unit, Univ of Washington, Seattle, WA; Fernando Rivadeneira, Erasmus Medical Ctr, Rotterdam, Netherlands; Peter A Noseworthy, Ctr for Human Genetic Res, Res Unit, Univ of Washington Sch of Med, Seattle, WA;
Nicholas L Smith, Cardiovascular Health Res Unit, Univ of Washington Sch of Med, Seattle Epidemiologic Res Ctr, Seattle, WA; Jerome I Rotter, Medical Genetics Inst, Cedars-Sinai Medical Ctr, Los Angeles, CA; Jan A Kors, Jacqueline C Witteman, Albert Hofman, Erasmus Medical Ctr, Rotterdam, Netherlands; Susan R Heckbert, Cardiovascular Health Res Unit, Univ of Washington; Ctr for Health Studies, Group Health, Seattle, WA; Christopher J O’Donnell, NHLBI Framingham Heart Study; Massachusetts General Hosp, Cambridge/Boston, MA; Andre G Uitterlinden, Erasmus Medical Ctr, Rotterdam, Netherlands; Bruce M Psaty, Univ of Washington; Ctr for Health Sciences, Group Health, Seattle, WA; Martin G Larson, NHLBI Framingham Heart Study; Boston Univ, Framingham/Boston, MA; Bruno H Stricker, Erasmus Medical Ctr; Inspectorate of Health Care, Rotterdam/The Hague, Netherlands

11:55 Lunch on your own

Professional Development Roundtable Luncheons

SESSION 7
Trials of Lifestyle Modification
1:30 PM – 3:00 PM

Moderators:
Michael Lauer, Bethesda, MD
Pamela Ouyang, Baltimore, MD

1:30 Controversies in Preventive Cardiology
presented by the American Society of Preventive Cardiology

Do We Need Clinical Trials to Tell People What Lifestyle Habits will Prevent Heart Disease?

Pro: Barbara V Howard, Medstar Research Inst, Hyattsville, MD

Con: Walter C Willett, Harvard Sch of Public Health, Boston, MA

2:15 Calcium/Vitamin D Supplementation and Coronary Artery Calcification in a Randomized Trial Setting

JoAnn E Manson, Harvard Univ, Boston, MA; Matthew A Allison, Univ of California, San Diego, CA; J Jeffrey Carr, Wake Forest Univ, Winston-Salem, NC; Robert D Langer, Geisinger Health System, Danville, PA; Barbara B Cochrane, Univ of Washington, Seattle, WA; Susan L Hendrix, Michigan State Univ, Detroit, MI; Judith Hsia, Astra Zeneca, Wilmington, DE; Julie R Hunt, Fred Hutchinson Cancer Res Ctr, Seattle, WA; Cora E Lewis, Univ of Alabama, Birmingham, AL; Karen L Margolis, Univ of Minnesota, Minneapolis, MN; Jennifer G Robinson, Univ of Iowa, Iowa City, IA; Rebecca J Rodabough, Fred Hutchinson Cancer Res Ctr, Seattle, WA; Asha M Thomas, Johns Hopkins Univ, Baltimore, MD

2:30 Effects of Very High Intakes of Industrial and Natural Trans Fatty Acids on Lipid Peroxidation in Humans

Anne J Wanders, VU Univ Amsterdam, Amsterdam, Netherlands; Samar Basu, Uppsala Univ, Uppsala, Sweden; Els Siebelink, Wageningen Univ, Wageningen, Netherlands; Martijn B Katan, Ingeborg A Brouwer, VU Univ Amsterdam, Amsterdam, Netherlands

2:45 Lifestyle Risk Factors and New-Onset Diabetes Mellitus in Older Adults: The Cardiovascular Health Study

Dariush Mozaffarian, Harvard Univ, Boston, MA; Aruna Kamineni, Univ of Washington, Seattle, WA; Mea Koh Vaidla, Northwestern Univ, Chicago, IL; Luc Djoussé, Kenneth Mukamal, Harvard Univ, Boston, MA; David Siscovick, Univ of Washington, Seattle, WA

Program (continued)
3:00  Refreshment Break

SESSION 8A  
Traditional Risk Factors, Novel Risk Factors and Mediators  
3:30 PM – 5:00 PM  
Moderators:  
Matthew Allison, La Jolla, CA  
Nancy Jenny, Burlington, VT  

3:30  Tracking of Left Ventricular Mass over the Adult Life Course: Clinical Correlates in the Framingham Offspring Study  
Wolfgang Lieb, Framingham Heart Study, Framingham, MA; Vanessa Xanthakis, Lisa M Sullivan, Boston Univ, Boston, MA; Jayashri Aragam, Veterans Admin Hosp, West Roxbury, MA; Michael J Pencina, Martin G Larson, Boston Univ, Boston, MA; Emelia J Benjamin, Ramachandran S Vasan, Framingham Heart Study, Framingham, MA  

3:45  HDL with Apolipoprotein C-III Is Directly Associated with Risk of CHD, Opposite to HDL Without Apolipoprotein C-III, and May Indicate a Dysfunctional, Atherogenic Form of HDL  

4:00  Peak Thrombin Generation and Subsequent Venous Thromboembolism: The Longitudinal Investigation of Thromboembolism Etiology  
Pamela L Lutsey, Aaron R Folsom, Univ of Minnesota, Minneapolis, MN; Susan R Heckbert, Univ of Washington, Seattle, WA; Mary Cushman, Univ of Vermont, Burlington, VT  

4:15  Change in Estimated Glomerular Filtration Rate and Its Association with Coronary Heart Disease and All-Cause Mortality: The Atherosclerosis Risk in Communities (ARIC) Study  
Kunihiro Matsushita, Elizabeth Selvin, Lori D Bash, Brad Astor, Josef Coresh, Johns Hopkins Univ, Baltimore, MD  

4:30  Predicting Metabolically Obese Normal-Weight Adults from Childhood: Findings from the Bogalusa Heart Study  
Sarah M Camhi, Peter T Katzmarzyk, Pennington Biomedical Res Ctr, Baton Rouge, LA; Sathanur R Sriviasan, Wei Chen, Tulane Univ, New Orleans, LA; Claude Bouchard, Pennington Biomedical Res Ctr, Baton Rouge, LA; Gerald S Berenson, Tulane Univ, New Orleans, LA  

4:45  Physical Activity and Risk of Myocardial Infarction Among Men: Modeling the Potential Mediators of Effect  
Andrea K Chomistek, Stephanie E Chiuve, Majken K Jensen, Eric B Rimm, Harvard Sch of Public Health, Boston, MA  

SESSION 8B  
NPAM Behavioral Workshop: Update on Physical Activity  
3:30 PM – 5:00 PM  
Moderators:  
William E. Kraus, Durham, NC  
Deborah Rohm Young, College Park, MD  

3:30  Current Evidence on Interventions that have been Tested to Improve Physical Activity  
Bess H Marcus, Brown Medical Sch and LifeSpan, Providence, RI  

4:00  Adherence to Physical Activity/Exercise  
James F Sallis, San Diego State Univ, San Diego, CA  

4:30  Motivating Our Patients (and Maybe Ourselves) to MOVE!  
Lin Ewing, Univ of Pittsburgh Sch of Med, Pittsburgh, PA  

SESSION 8C  
3:30 PM – 5:00 PM  
Moderator:  
Judith K. Ockene, Worcester, MA  

3:30  Performance Measures and Guidelines  
Thomas A Pearson, Univ of Rochester Med Ctr, Rochester, NY  

4:00  Patient Centered Counseling Interventions for Lifestyle Change: Training and Strategies for Physicians  
Judith K Ockene, Univ of Massachusetts Med Ctr, Worcester, MA  

4:30  Systems for Supporting Physicians’ Counseling Interventions: How to Connect Physicians to Other Resources  
Larry A Green, Univ of Colorado, Denver, CO  

5:00 PM – 7:00 PM  
Poster Session 3 (P158 – P270)  

- Aging  
- Hypertension  
- Genetics  
- Lipids and Lipoproteins  
- Subclinical  
- Venous Thrombosis  

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FRIDAY, MARCH 13, 2009

SESSION 9
Socioeconomic Stress and Cardiovascular Disease Risk
8:30 AM – 9:55 AM

Moderators:
Earl Ford, Atlanta, GA
Shiriki Kumanyika, Philadelphia, PA

8:30 Socioeconomic Status, Psychological Stress and Risk for Cardiovascular Disease: What’s New?
Karen Matthews, Univ of Pittsburgh, Pittsburgh, PA

8:55 Depressive Symptoms and CVD Mortality in Older African-American and White Adults: Do Effects Vary by Race?
Tené T Lewis, Yale Univ Sch of Med, New Haven, CT; Hongfei Guo, Scott Lunos, Univ of Minnesota, Minneapolis, MN; Carlos F Mendes de Leon, Kimberly Skarupski, Denis A Evans, Rush Inst for Healthy Aging, Chicago, IL; Susan A Everson-Rose, Univ of Minnesota, Minneapolis, MN

9:10 Perceived Stress and Risk of Stroke in Older Adults
Susan A Everson-Rose, Univ of Minnesota, Minneapolis, MN; Carlos F Mendes de Leon, Neelum T Aggarwal, Todd Beck, Julia Bienias, Denis A Evans, Rush Univ Medical Ctr, Chicago, IL

9:25 Deprivation and Regional Variation of Cardiovascular and All-Cause Mortality Across England: A Small Area Comparison
Ioanna Tzoulaki, Imperial Coll London, London, United Kingdom; Juanjo Abellan, Inst Cavanilles de Biodiversitat i Biologia Evolutiva, Univ de València APDO, Valencia, Spain; Lea Fortunato, Clive Sabel, David J Briggs, Julia Bienias, Denis A Evans, Rush Univ Medical Ctr, Chicago, IL

9:40 The Association Between Perceived Discrimination and Hypertension Status in the Jackson Heart Study
Mario Sims, Sharon B Wyatt, Univ of Mississippi Medical Ctr, Jackson, MS; Mariano A Bruce, Meharry Medical Sch, Nashville, TN; Sherman A James, Duke Univ, Durham, NC; David R Williams, Harvard Sch of Public Health, Boston, MA; Jennifer C Robinson, Herman A Taylor, Univ of Mississippi Medical Ctr, Jackson, MS

9:55 Refreshment Break

SESSION 10
Novel Predictors of Cardiovascular Disease
10:30 AM – 11:55 AM

Moderators:
Murray Mittleman, Boston, MA
Neil Zakai, Burlington, VT

10:30 Sleep Disorders and Cardiovascular Disease
F Javier Nieto, Univ of Wisconsin Sch of Med and Public Health, Madison, WI

10:55 Low Blood DNA Methylation Determines Higher Risk and Mortality from Ischemic Heart Disease and Stroke Among Elderly Individuals
Andrea Baccarelli, Univ of Milan and Maggiore Policlinico Hosp IRCCS Fndn, Milan, Italy; Robert O Wright, Harvard Sch of Public Health, Boston, MA; Valentina Bollati, Univ of Milan and Maggiore Policlinico Hosp IRCCS Fndn, Milan, Italy; Augusto Litonju, Harvard Medical Sch, Boston, MA; Antonella Zanobetti, Harvard Sch of Public Health, Boston, MA; Letizia Tarantini, Univ of Milan and Maggiore Policlinico Hosp IRCCS Fndn, Milan, Italy; David Sparrow, Pantel Vokonas, Veterans Affairs Boston Healthcare System and Boston Univ Sch of Med, Boston, MA; Joel Schwartz, Harvard Sch of Public Health, Boston, MA

11:10 Burden of Isolated Minor ST-Segment and T-Wave Abnormalities and Prognosis in Adults ≥65 Years Old: The Cardiovascular Health Study (CHS)
Joseph A Walsh III, Northwestern Univ, Chicago, IL; Ronald J Prineas, Wake Forest Univ Health Sciences, Winston-Salem, NC; Alice M Arnold, Bruce Psaty, Univ of Washington, Seattle, WA; Hongyan Ning, Northwestern Univ, Chicago, IL; Anita Kumar, Harvard Univ, Boston, MA; Donald M Lloyd-Jones, Northwestern Univ, Chicago, IL

11:25 The Relevance of Different Methods of Calculating the Ankle-Brachial Index: The Multi-Ethnic Study of Atherosclerosis
Matthew A Allison, Univ of California, San Diego, La Jolla, CA; Tanya Granston, Univ of Washington, Seattle, WA; Victor Aboyans, Dupuytren Univ Hosp, Limoges, France; Mary McDermott, Northwestern Univ, Chicago, IL; Aruna Kamineni, Univ of Washington, Seattle, WA; Hanyu Ni, Natl Heart, Lung, and Blood Inst, Bethesda, MD; Michael H Criqui, Univ of California, San Diego, La Jolla, CA
11:40  **Serum Androgens and Sex Hormone Binding Globulin and the Development of Subclinical Cardiovascular Disease: CARDIA Women's Study**  
Ronit Calderon-Margalit, Stephen M Schwartz, Univ of Washington, Seattle, WA; Cora E Lewis, Univ of Alabama at Birmingham, Birmingham, AL; Pamela J Schreiner, Univ of Minnesota, Minneapolis, MN; Barbara Sternfeld, Kaiser Permanente, Oakland, CA; Jeffrey J Carr, Wake Forest Univ, Winston-Salem, NC; Daniel O’Leary, Tufts Univ, Boston, MA; Martha L Davgiul, Northwestern Univ, Chicago, IL; O Dale Williams, Univ of Alabama at Birmingham, Birmingham, AL; Yechiel Friedlander, Hebrew Univ--Hadassah Braun Sch of Public Health, Jerusalem, Israel; David Siscovick, Univ of Washington, Seattle, WA

11:55 **Lunch on your own**

**Professional Development Roundtable Luncheons**

**SESSION 11**
Jeremiah and Rose Stamler Research Award for New Investigators  
1:30 PM – 3:00 PM
(The winner of the competition will be announced at the end of the session.)

**Moderators:**  
Mary Cushman, Burlington, VT  
Jeremiah Stamler, Chicago, IL

1:30 **Haplotypes of Serotonin Transporter Gene Associated with Both Depressive Symptoms and Interleukin-6 in Middle-Aged Males: The Twins Heart Study**  
Shaoyong Su, Jinying Zhao, J Douglas Bremner, Andrew H Miller, Mark Bouzyk, Emory Univ Sch of Med, Atlanta, GA; Harold Snieder, Univ Medical Ctr Groningen, Groningen, Netherlands; Jack Goldberg, Univ of Washington, Sch of Public Health and Community Med, Seattle, WA; Viola Vaccarino, Emory Univ Sch of Med, Atlanta, GA

1:45 **Adiposity and Weight Change in Mid Life in Relation to Successful Aging in Women**  
Qi Sun, Mary K Townsend, Harvard Sch of Public Health, Boston, MA; Olivia I Okereke, Harvard Medical Sch, Boston, MA; Oscar H Franco, Unilever Corporate Res, Colworth Park, Sharnbrook, United Kingdom; Frank B Hu, Francine Grodstein, Harvard Sch of Public Health, Boston, MA

2:00 **Ion Mobility Analysis of Lipoprotein Subfractions Identifies 3 Independent Axes of Cardiovascular Risk**  
Kiran Musunuru, Massachusetts General Hosp/ Broad Inst of MIT and Harvard, Boston, MA; Marju Orho-Melander, Lund Univ, Malmo, Sweden; Michael P Caulfield, Shuguang Li, Wael A Salamneh, Richard E Reitz, Quest Diagnostics Nichols Inst, San Juan Capistrano, CA; Sekar Kathiresan, Massachusetts General Hosp/Broad Inst of MIT and Harvard, Boston, MA; Olle Melander, Lund Univ, Malmo, Sweden; Ronald M Krauss, Children's Hosp Oakland Res Inst, Oakland, CA

2:15 **Genome-wide Association Study of Chronic Kidney Disease and Related Traits in 19,877 Participants in 4 Population-Based Studies Identifies Common Genetic Variants Conferring Disease Risk**  
Anna Köttgen, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Nicole L Glazer, Univ of Washington, Seattle, WA; Abbas Dehghan, Erasmus Medical Ctr, Rotterdam, Netherlands; Shih-Jen Hwang, NHLBI Framingham Heart Study, Framingham, MA; Ronit Katz, Univ of Washington, Seattle, WA; Man Li, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Qiong Yang, Boston Univ, Boston, MA; Wen Hong Linda Kao, Jose Coresh, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Michael G Shlipak, San Francisco VA Medical Ctr; San Francisco, CA; Jacqueline Wittenman, Erasmus Medical Ctr, Rotterdam, Netherlands; Caroline S Fox, NHLBI Framingham Heart Study, Framingham, MA

2:30 **Lung Function and Incident Hospitalized Heart Failure: The Atherosclerosis Risk in Communities (ARIC) Study**  
Sunil K Agarwal, Laura Loehr, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Eyal Shahar, Univ of Arizona, Tucson, AZ; Dalane W Kitzman, Wake Forest Univ Sch of Med, Winston-Salem, NC; Joy L Wood, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Naresh Punjabi, Johns Hopkins Sch of Med, Baltimore, MD; Gerardo Heiss, Univ of North Carolina at Chapel Hill, Chapel Hill, NC

2:45 **Presentation of the Jeremiah and Rose Stamler Research Award for New Investigators**

3:00 **Refreshment Break**

**SESSION 12**
The French Paradox: Fact, Fantasy or Mystery?  
3:30 PM – 4:35 PM

**Moderators:**  
Henry Blackburn, Minneapolis, MN  
Frank Sacks, Boston, MA

3:30 **Frederick H. Epstein Memorial Lecture: The French Paradox, Fact, Fantasy or Mystery?**  
Pierre Ducimetiere, INSERM - Univ Paris Sud XI, Villejuif Cedex, France
4:05  Flow-Mediated Dilation Is Inversely Related to Serum Intercellular Adhesion Molecule-1 and Saturated Fatty Acid in Healthy Adolescents
Yun Chen, Walter Osika, Frida Dangardt, Birgitta Strandvik, Peter Friberg, The Sahlgrenska Acad, Univ of Gothenburg, Gothenburg, Sweden

4:20  Dietary Glycemic Index, Glycemic Load, and the Risk of Cardiovascular Disease in Middle-Aged Finnish Men: The Kuopio Ischemic Heart Disease Risk Factor Study
Jaakko Mursu, Jyrki K Virtanen, Tiina H Rissanen, Tomi-Pekka Tuomainen, Irma Nykänen, Riitta Kortelainen, Sari Voutilainen, Univ of Kuopio, Sch of Public Health and Clinical Nutrition, Kuopio, Finland

4:35  Council on Epidemiology and Prevention Annual Business Meeting

5:00 PM – 7:00 PM
Poster Session 4 (P271 – P383)
- The Global Burden of Cardiovascular Disease
- Epidemiology Methods
- Health Services/Outcomes
- Pregnancy/Childhood
- Preventive Cardiology/Clinical Trials
- Surveillance
- Stroke
- Ethnic Disparities
- General Interest

SATURDAY, MARCH 14, 2009

The Global Burden of Cardiovascular Disease
Moderators:
Francisco Lopez-Jimenez, Rochester, MN
K Srinath Reddy, New Delhi, India

7:15  Poster Session and Continental Breakfast

8:30  Prevalence and Global Trends of Cardiovascular Disease
Veronique Roger, Mayo Clinic Coll of Med, Rochester, MN

9:00  The Distributions and Effects of Cardiovascular Risk Factors in the World: Current Patterns and Possible Futures
Majid Ezzati, Harvard Sch of Public Health, Boston, MA

9:30  Changes in Lifestyle and Socio-Economic Factors: How They Relate to the Cardiovascular Disease Epidemic in the World
Thomas A Pearson, Univ of Rochester Med Ctr, Rochester, NY

10:00  Refreshment Break

10:30  Economic Impact of the Global Cardiovascular Disease Burden
K Srinath Reddy, New Delhi, India

11:00  Smoking Control: Current Trends and Global Efforts for Tobacco Control
Ana Navas-Acien, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD

11:30  The Leadership Role of the AHA and International Organizations and Future Directions Addressing the Global Burden of Cardiovascular Disease
Ivor Benjamin, Univ of Utah Sch of Med, Salt Lake City, UT

12:00  Adjourn

The American Heart Association gratefully acknowledges the financial support provided for this program by the National Forum for Heart Disease and Stroke.
Cardiovascular diseases and stroke 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.

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