2013–2014 Corporate Members

BOEHRINGER INGELHEIM PHARMAECUTICALS, INC.
DAIICHI SANKYO, INC.
FOREST LABORATORIES, INC.
MEDTRONIC RENAL DENERVATION
NOVARTIS PHARMACEUTICALS CORPORATION
TAKEADA PHARMACEUTICALS U.S.A., INC.

The American Society of Hypertension, Inc. thanks these firms for their continued support.

For more information regarding Corporate Membership, please call the ASH Executive Office.

ASH Executive Office

American Society of Hypertension, Inc.
45 Main Street, Suite 712
Brooklyn, NY 11201
Telephone: 212-696-9099
Facsimile: 347-916-0267
Web Site: www.ash-us.org

Torry Mark Sansone
Executive Director
E-mail: tsansone@ash-us.org

Melissa Levine
Associate Executive Director
Scientific Meetings & Professional Affairs
E-mail: mlevine@ash-us.org

Kathleen Sheridan
Director, Education Services
E-mail: ksheridan@ash-us.org

Conference & Exhibit Management
Gilda Caputo-Hansen
Hansen Global Event Management, LLC
68 Carlton Terrace
Stewart Manor, NY 11530
Telephone: 516-361-2181
E-mail: ash@hansenglobalevents.com

Official Show Contractor
Metropolitan Exposition
115 Moonachie Avenue
Moonachie, NJ 07074
Telephone: 201-994-1300
Facsimile: 201-994-1350
Web Site: www.metro-expo.com

Future ASH Annual Scientific Meeting Dates:
Saturday, May 16, 2015 – Tuesday, May 19, 2015
New York Hilton Midtown

Saturday, May 14, 2016 – Tuesday, May 17, 2016
New York Hilton Midtown
Letter from the President and Program Committee Chair

Dear Colleague,

On behalf of the Board of Directors of the American Society of Hypertension, Inc. (ASH), we are pleased to welcome you and cordially invite you to join us at the ASH Twenty-Ninth Annual Scientific Meeting and Exposition. The meeting will be held at the New York Hilton, May 16 – 20, 2014.

The 2014 Annual Scientific meeting topics are organized around two (2) concurrent themes: Clinical Science and Clinical Practice.

The Scientific Sessions feature several innovative components designed to enhance the translation of basic and applied research into effective hypertension prevention and treatment strategies.

- **Hypertension Highlights 2014 – Saturday, May 17, 2014**
  
  Hypertension Highlights is a full-day program dedicated to educating clinicians and scientists about some of the most interesting, controversial and evolving topics in the field. The program will include state-of-the-art presentations on Cholesterol Disorders and Management, Cardiovascular Impact of Type 2 Diabetes and Vasoactive Drug Development. It is an ideal update for Hypertension Specialists and those wishing to become specialists in the field.

- **Plenary Session I – Sunday, May 18, 2014**
  
  The **Keynote speaker** for the opening session will be **Murray D. Esler, MBBS, PhD**, Associate Director, Cardiovascular Neurosciences Division, Baker IDI Heart and Diabetes Institute, Melbourne, Australia. Dr. Esler will speak on “Sympathetic Nervous System and Hypertension.” Following Dr. Esler’s lecture will be **Jan A. Staessen, MD, PhD**, Professor of Medicine, Head, Studies Coordinating Centre, Research Unit Hypertension and Cardiovascular Epidemiology, KU Leuven Department of Cardiovascular Sciences, Leuven, Belgium presenting a lecture on “Current Evidence and Perspectives on Renal Denervation in Hypertension and Related Disorders. **Roxana Mehran, MD**, Professor of Medicine and Health Policy, Director of Interventional Cardiovascular Research and Clinical Trials at the Zena and Michael A. Weiner Cardiovascular Institute at Mount Sinai School of Medicine, New York, New York, will then present a lecture entitled “Evaluation of Clinical Outcomes Following Peripheral Arterial Interventions: What is Needed for Renal Denervation Studies Long-term?” **Ravij Agarwal, MD, FASH**, Professor of Medicine, Division of Nephrology, Indiana University School of Medicine, Indianapolis, Indiana will address the topic of “Resistant Hypertension, Salt, and Successful Drug Therapy.”

- **Plenary Session II – Monday, May 19, 2014**
  
  The ASH Distinguished Scientist Award, Young Scholar Award and Marvin Moser Clinical Hypertension Award will be presented in Plenary Session II – the ASH Awards Session.

- **Hypertension for the Primary Care Clinician – Friday, May 16 and Saturday May 17, 2014**
  
  This program will address commonplace questions that face clinicians in day-to-day care of hypertension including Blood Pressure Measurement, Special Populations and Resistant Hypertension.

- **Young Investigator-in-Training Abstract Competition – Sunday, May 18, 2014**
  
  Trainees submitting the highest ranking abstracts to the meeting will present their work orally in a special session and compete for cash prizes. This highlighted session is consistent with ASH’s goal to foster and facilitate the training of young and new investigators in hypertension.

- **Debates – Monday, May 19, 2014**
  
  This year there are several debates on controversial topics of relevance to Hypertension Specialists.

- **Joint Society Sessions**
  
  Educational sessions resulting from the partnership with other societies, both national and international (including the AHA, ACC, ASN, ESH, PCNA and ISHIB [see below]), focused on the topic of hypertension and cardiovascular disease will enhance and broaden the scope of the ASH 2014 Meeting.

- **Joint Meetings with ISHIB**
  
  Once again this year, ASH and the International Society on Hypertension in Blacks (ISHIB) will convene our annual conferences with the ISHIB meeting taking place immediately prior to the ASH 2014 Annual Scientific Meeting. The collaboration will benefit both societies in supporting our similar goals of improving the treatment of hypertension and advancing knowledge related to the disease; affording sponsors and attendees the convenience of taking in two meetings while only arranging travel to a single location.

- **Sponsored Satellite Symposia and Exhibits**
  
  The Society will also sponsor industry-supported Satellite Symposia which will introduce novel approaches to antihypertensive and device therapies. The ASH Hypertension Resource Pavilion will host many informative scientific, technical, periodical and book exhibits designed to support you in your mission of providing the latest in care for your hypertensive patients.

We look forward to seeing you in New York.

Sincerely,

William B. White, MD, FASH
ASH President

Domenic A. Sica, MD, FASH
Program Committee Chair and President-Elect
About The American Society of Hypertension, Inc.

The American Society of Hypertension, Inc. (ASH) is the largest organization of hypertension researchers and health care providers in the United States committed to eliminating hypertension and its consequences. ASH has a domestic and international membership of basic science and clinical investigators, physicians, physician assistants, nurse practitioners and pharmacists, as well as other individuals with a scientific interest in hypertension.

The primary mission of the Society is to improve the care of patients with hypertension and associated disorders by:

- **Enhancing** the education and treatment of patients with hypertension
- **Educating** health care professionals regarding hypertension and current prevention and treatment strategies
- **Assisting** health care professionals in addressing the challenges of the modern-day care of patients with hypertension
- **Advocating** public policy that ensures patient access to high quality hypertension care and supports increased hypertension research
- **Facilitating** communication and collaboration among providers, investigators, policymakers, and patients in areas relating to hypertension and vascular health
- **Promoting** the career development of researchers in hypertension and associated disorders, including research in the pathobiology, prevention, diagnosis, treatment, and psychosocial aspects of hypertension

For more information contact the American Society of Hypertension, Inc. at:

**American Society of Hypertension, Inc.**
45 Main Street, Suite #712
Brooklyn, New York 11201
Telephone: 212-696-9099
Fax: 347-916-0267
E-mail: ash@ash-us.org
Website: www.ash-us.org

Past Presidents of the American Society of Hypertension, Inc.

- John H. Laragh, MD  
  First President  
  1988 – 1990
- Edward G. Biglieri, MD  
  1990 – 1992
- Jay N. Cohn, MD  
  1992 – 1994
- Louis Tobian, MD  
  1994 – 1995
- Barry M. Brenner, MD  
  1995 – 1996
- Lawrence R. Krakoff, MD  
  1996 – 1998
- Michael H. Alderman, MD  
  1998 – 2000
- Michael A. Weber, MD  
  2000 – 2002
- Theodore W. Kurtz, MD  
  2002 – 2004
- Haralambos Gavras, MD  
  2004 – 2006
- Thomas D. Giles, MD  
  May 19, 2006
- Jean E. Sealey, DSc  
  2006 – 2008
- Suzanne Oparil, MD  
  2008 – 2010
- Henry R. Black, MD  
  2010 – 2012
- George L. Bakris, MD
2014 Scientific Program Committee

William B. White, MD, FASH, President
Domenic A. Sica, MD, FASH, Chair

Clinical Science

David G. Harrison, MD, Co-Chair
Ross Feldman, MD
Friedrich C. Luft, MD
Jennifer S. Pollock, PhD

Clinical Practice

David H. Ellison, MD
Babbette LaMarca, PhD
Matthew J. Luther, MD, MSCI

Clinical Science

Domenic A. Sica, MD, FASH, Chair

Clinical Practice

Raymond R. Townsend, MD, FASH, Co-Chair
Henry R. Black, MD, FASH
Donald J. DiPette, MD
Cheryl L. LaFer, MD, PhD

Clinical Practice

Donald L. Batsisky, MD
William C. Cushman, MD, FASH
Daniel I. Feig, MD, PhD, MS
Matthew R. Weir, MD, FASH

Primary Care

Jan N. Basile, MD, FASH, Co-Chair
Robert D. Brook, MD, FASH
Louis Kuritzky, MD
Joshua A. Samuels, MD, FASH
Steven A. Yarows, MD, FASH

Primary Care

Michael J. Bloch, MD, FASH
Angela L. Brown, MD
F. Wilford Germino, MD, FASH
Anthony M. Viera, MD, MPH

ASH 2014 Important Dates*

January 20 - March 21, 2014 ASH Fellowship Program Accepting Applications
March 10, 2014 Late-Breaking Abstract Submission Deadline
March 17, 2014 ASH Specialist Examination Application Deadline
April 3, 2014 Advance Registration and Housing Deadline
April 23, 2014 Housing Cancellation Deadline
April 23, 2014 Registration Cancellation Deadline
May 3 – 17, 2014 ASH Specialist Program 2014 Clinical Hypertension Examination Testing Period
May 16 – 20, 2014 ASH 29th Annual Scientific Meeting and Exposition
May 17, 2014 Hypertension Highlights 2014
May 16 – 17, 2014 Hypertension for the Primary Care Clinician Curriculum
May 17, 2014 ASH/Preventive Cardiovascular Nurses Association Program
May 15 - 16, 2014 ISHIB Meeting†

*See ASH website for more information, www.ash-us.org  †See ISHIB website at www.ISHIB.org
Education

Program Objectives

In keeping with the purpose of the American Society of Hypertension, Inc. (ASH), the Twenty-Ninth Annual Scientific Meeting is designed to encourage and promote the development, advancement, and exchange of fair and balanced information regarding the research, diagnosis and treatment of hypertension and related cardiovascular diseases with improved patient care and wellness outcomes as the underlying theme. The sessions will...

• Present and examine new findings on the physiology, pathophysiology, epidemiology, diagnosis, and management of hypertension and related conditions
• Review current state-of-the-art advances in managing particular groups of patients
• Evaluate specific treatment modalities and pharmacological agents

Target Audience

Physicians, scientists, pharmacists, physician assistants, nurses and other health care professionals with an interest in the mechanisms or management of hypertension and related diseases will benefit from attending Plenary Sessions, Symposia, Debates, Joint Sessions, Poster Sessions, and the Scientific Exposition.

Continuing Education Credit

The American Society of Hypertension, Inc. is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The American Society of Hypertension, Inc. designates this live activity for a maximum of 36 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
General Information

Meeting Venue

Headquarters Hotel
New York Hilton Midtown
1335 Avenue of the Americas
New York, NY 10019
Phone: 1-212-586-7000
Fax: 1-212-315-1374

Sleeping Room Rate - $299 plus local and state tax.

Hotel Reservations

Make your hotel reservations using the ASH website – www.ash-us.org. Click onto the housing link and that will take you into New York Hilton reservation system. You will receive ASH Annual Meeting Rates.

All guests staying at the New York Hilton in the ASH block will receive complimentary internet access in their sleeping room.

Registration for the ASH Annual Meeting


International Registrants

ASH strongly advises participants to determine their individual visa requirements. Individuals traveling to the United States from other countries require a passport and in some cases, a visitor’s visa. Please check with your travel agent, airline or local embassy/consulate at least four (4) months before the meeting. A visa may take 8-12 weeks to be processed.

ASH’s registration agent will provide letters of invitation for visa purposes by request. A Letter of Invitation is meant to help attendees obtain a visa and is not a commitment on the part of the organizers to provide any financial support. The decision to grant a visa belongs solely to the embassy/consulate. ASH cannot change the decision of the government agency.

Travel to the ASH Annual Meeting

New York is easily accessible from any city in the US or abroad via the John F. Kennedy International Airport, Newark Liberty International Airport and LaGuardia Airport. Once in the city, take the MTA subway and bus to negotiate your way around – whether you want to go to Chelsea, the Upper East Side, Broadway, Lincoln Center, or to Little Italy and Chinatown. There is so much to see and do just a subway ride away.

Climate

New York’s weather is very seasonal. In January through March, temperatures stay around 30 degrees F. Snowfalls are not unusual. April and May escort in the tulips and daffodils with temperatures ranging from 40 to 50 degrees, but it can hit 70 degrees F.
Program Information

Hypertension Highlights 2014

Hypertension Highlights is a full-day program dedicated to educating clinicians and scientists about some of the most interesting, controversial and evolving topics in the field. The program will include state-of-the-art presentations on Dyslipidemia, Type 2 Diabetes and New Vasoactive Drug Development. It is an ideal update for Hypertension Specialists and those wishing to become specialists in the field.

Saturday, May 17, 2014 11:45 AM to 5:00 PM

ASH Plenary Sessions

Plenary Sessions feature engaging lectures by keynote speakers. The topics are of broad general interest.

Sunday, May 18, 2014 8:30 AM to 10:35 AM
Monday, May 19, 2014 1:45 PM to 2:45 PM

ASH Scientific Sessions

The Scientific Sessions will address basic and clinical science issues over a wide range of topics.

Sunday, May 18, 2014 10:45 AM to 12:30 PM
2:00 PM to 3:30 PM
3:45 PM to 5:00 PM

Monday, May 19, 2014 8:00 AM to 10:00 AM
10:30 AM to 12:00 PM
3:00 PM to 3:45 PM

Tuesday, May 20, 2014 9:15 AM to 11:30 AM

Hypertension for the Primary Care Clinician

The Hypertension for the Primary Care Clinician program will address commonplace questions that face clinicians in day-to-day care of hypertension.

Friday, May 16, 2014 12:00 PM to 5:00 PM
Saturday, May 17, 2014 7:30 AM to 11:30 AM

ASH/Preventive Cardiovascular Nurses Association (PCNA) Program

This year, ASH will co-sponsor a four-hour session with the Preventive Cardiovascular Nurses Association. The program will address topics important to cardiovascular nurses and nurse practitioners including Systems Approach to Blood Pressure Control, Blood Pressure Goals, and Pharmacology of Antihypertensive Drugs.

Joint Sessions

Special Sessions jointly sponsored by Society-related organizations will enrich the knowledge base and foster new interactions between attendees.

Saturday, May 17, 2014 1:00 PM to 5:00 PM
Sunday, May 18, 2014 10:45 AM to 12:30 PM
2:00 PM to 3:30 PM
3:45 PM to 5:00 PM

Clinical Debates

Clinical Debates will provide for lively discussion on controversial topics.

Monday, May 19, 2014 3:00 PM to 3:45 PM

Abstract Presentations

Authors will showcase their research in oral or poster format.

Poster Viewing:

Saturday, May 17, 2014 5:30 PM to 6:30 PM
Sunday, May 18, 2014 6:00 PM to 7:00 PM
Monday, May 19, 2014 12:00 PM to 1:00 PM
American Society of Hypertension, Inc.
2014 Annual Scientific Meeting and Exposition

Technical Exhibits

Technical Exhibits will be located in the Hypertension Resource Pavilion in America’s Hall I in the Hilton. ASH will host a welcome reception, lunches, and high teas in the exhibit hall.

Saturday, May 17
Pavilion Opens 5:00 PM to 7:30 PM
Welcome Reception 5:30 PM to 7:00 PM
Pavilion Closes 7:30 PM

Sunday, May 18
Pavilion Opens 11:30 AM to 1:45 PM
Lunch 12:00 PM to 1:45 PM
Pavilion Closes 1:45 PM
Pavilion Opens 5:00 PM to 7:00 PM
High Tea 5:45 PM to 7:00 PM
Innovations Theater 6:00 PM to 7:00 PM
Pavilion Closes 7:00 PM

Innovations Theater

Sunday, May 18, 2014 6:00 PM to 7:00 PM
Monday, May 19, 2014 12:00 PM to 1:00 PM

NEW to the ASH Meeting

Once again, the American Society of Hypertension and the International Society on Hypertension in Blacks (ISHIB) will convene their annual conferences in May 2014 in New York, NY, with the ISHIB program to overlap with the 2014 ASH Annual Scientific Meeting. ISHIB will begin on Thursday, May 15, 2014 and will run through Friday, May 16, 2014. ASH will begin Friday afternoon with Primary Care starting at 12:00 PM.

Come to New York and take in two meetings and travel to one location.

ISHIB 2014 promises to provide important updates on hypertension and its complications in African Americans. The program will start Thursday afternoon May 15th, with the annual Hypertension Academy, chaired by John Flack, MD, MPH, FASH. Additional sessions planned include a discussion of Healthcare Reform and the impact on Minority Health; the Blue Ribbon Presentation of outstanding research projects, and Atypical Interventions in Hypertension, Diabetes and Cardiovascular Disease.
2014 ASH Faculty

Rajiv Agarwal, MD, FASH
Indianapolis, IN

Sonia Y. Angell, MD, MPH
Atlanta, GA

Herbert D. Aronow, MD, MPH
Ypsilanti, MI

George L. Bakris, MD, FASH
Chicago, IL

Sripal Bangalore, MD, MHA
New York, NY

Jan N. Basile, MD, FASH
Charleston, SC

Donald L. Batisky, MD
Atlanta, GA

Joshua A. Beckman, MD, MS
Boston, MA

Italo Biaggioni, MD, PhD
Nashville, TN

John D. Bisognano, MD, PhD, FASH
Rochester, NY

Henry R. Black, MD, FASH
New York, NY

Michael J. Bloch, MD, FASH
Reno, NV

Robert D. Brook, MD, FASH
Ann Arbor, MI

John C. Burnett, Jr., MD
Rochester, MN

David A. Calhoun, MD, FASH
Birmingham, AL

Julio A. Chirinos, MD, PhD
Philadelphia, PA

John R. Cockcroft, MD
Cardiff, United Kingdom

William C. Cushman, MD, FASH
Memphis, TN

Michael H. Davidson, MD
Chicago, IL

Richard B. Devereaux, MD
New York, NY

Donald J. DiPette, MD
Columbia, SC

Brent M. Egan, MD, FASH
Greenville, SC

William J. Elliott, MD, PhD, FASH
Yakima, WA

David H. Ellison, MD
Portland, OR

Murray D. Esler, MBBS, PhD
Melbourne, Australia

Ross Feldman, MD
London, ON, Canada

Keith C. Ferdinand, MD, FASH
New Orleans, LA

John M. Flack, MD, MPH, FASH
Detroit, MI

Joseph T. Flynn, MD, MS, FASH
Seattle, WA

Barry I. Freedman, MD
Winston-Salem, NC

F. Wilford Germino, MD, FASH
Orland Park, IL

Hertzel C. Gerstein, MD, MSc
Hamilton, ON, Canada

Philip B. Gorelick, MD, MPH
Grand Rapids, MI

Alan H. Gradman, MD, FASH
Pittsburgh, PA

David G. Harrison, MD
Nashville, TN

Trevor Hassell, KA
St. Michael, Barbados

Joseph L. Izzo, Jr., MD, FASH
Buffalo, NY

Norman M. Kaplan, MD
Dallas, TX

Kazuomi Kario, MD, PhD
Tachigi, Japan

S. Ananth Karumanchi, MD
Boston, MA

Marvin A. Konstam, MD
Boston, MA

Cheryl L. Laffer, MD, PhD
Nashville, TN

Babbette LaMarca, PhD
Jackson, MS

Marc B. Lande, MD
Rochester, NY

Daniel Levy, MD
Framingham, MA

Lisa M. Lim, PhD
Silver Spring, MD
Friedrich C. Luft, MD
Berlin, Germany
Matthew J. Luther, MD, MSCI
Nashville, TN
Joaquin Madrenas, MD, PhD
Montreal, Canada
David L. Mattson, PhD
Milwaukee, WI
Roxanna Mehran, MD
New York, NY
Franz H. Messerli, MD, FASH
New York, NY
Gary F. Mitchell, MD
Norwood, MA
Orson W. Moe, MD
Dallas, TX
Pamela B. Morris, MD
Charleston, SC
Dominik N. Müller, MD
Berlin, Germany
Jeffrey W. Olin, DO
New York, NY
Suzanne Oparil, MD, FASH
Birmingham, AL
Robert A. Phillips, MD, PhD, FASH
Houston, TX
David M. Pollock, PhD
Birmingham, AL
J. Howard Pratt, MD
Indianapolis, IN
Mahboob Rahman, MD, MS, FASH
Cleveland, OH
Sanjay Rajagopalan, MD
Baltimore, MD
C. Venkata S. Ram, MD, FASH
Dallas, TX
Alan Remaley, MD, PhD
Bethesda, MD
Joshua A. Samuels, MD, FASH
Houston, TX
Michal L. Schwartzman, PhD
Valhalla, NY
Francesca Seta, PhD
Boston, MA
Kumar Sharma, MD
La Jolla, CA
Domenic A. Sica, MD, FASH
Richmond, VA
James R. Sowers, MD, FASH
Columbia, MO
Jan A. Staessen, MD, PhD
Leuven, Belgium
Anne Cathrine Staff, MD, PhD
Oslo, Norway
Sandra J. Taler, MD, FASH
Rochester, MN
Addison A. Taylor, MD, PhD, FASH
Houston, TX
Raymond R. Townsend, MD, FASH
Philadelphia, PA
Ronald G. Victor, MD
Los Angeles, CA
Anthony J. Viera, MD, MPH
Chapel Hill, NC
Michael A. Weber, MD, FASH
New York, NY
Myron H. Weinberger, MD
Indianapolis, IN
Matthew R. Weir, MD, FASH
Baltimore, MD
Paul K. Whelton, MB, MD, MSc
New Orleans, LA
William B. White, MD, FASH
Farmington, CT
Jeffrey D. Williamson, MD
Winston-Salem, NC
Clinton B. Wright, MD, MS
Miami, FL
Jackson T. Wright, Jr., MD, PhD, FASH
Cleveland, OH
Steven A. Yarows, MD, FASH
Chelsea, MI
Matthew C. Zimmerman, PhD
Omaha, NE
Bram Zuckerman, MD
Silver Spring, MD
2014 ASH Program, Friday, May 16 – Saturday, May 17

Friday, May 16, 2014: 12:00 PM – 5:00 PM
Hypertension for the Primary Care Clinician 2014: Part I

12:00 PM – 12:45 PM
Theme I: Making Sense of All of the Blood Pressure Measurements: Office, Home (Ambulatory), and 24-Hr

12:00 PM How to Best Measure Blood Pressure in the Office
F. Wilford Germino, MD, FASH, Orland Park, IL

12:30 PM How to Best Utilize Home Blood Pressure Monitoring
Steven A. Yarows, MD, FASH, Chelsea, MI

1:00 PM Common Conundrums in Blood Pressure Measurement-Afib, ISH, The Large Arm
Robert D. Brook, MD, FASH, Ann Arbor, MI

1:30 PM Getting the Diagnosis Right: Illustrative Cases for Utilizing ABPM
Anthony J. Viera, MD, MPH, Chapel Hill, NC

2:00 PM Questions

2:30 PM Break

2:45 PM – 4:00 PM
Theme II: Pearls in Pediatric and Adolescent Hypertension for the Primary Care Clinician

2:45 PM Update on General Pediatric Hypertension
Joshua A. Samuels, MD, FASH, Houston, TX

3:15 PM Cases: ABPM in Children and Adolescents
Joseph T. Flynn, MD, MS, FASH, Seattle, WA

3:45 PM Questions

4:00 PM – 5:00 PM
Theme III: Cases in Hypertension
Moderator: Norman M. Kaplan, MD, Dallas, TX
Panelists: George L. Bakris, MD, FASH, Chicago, IL, Jan N. Basile, MD, FASH, Charleston, SC and Keith C. Ferdinand, MD, FASH, New Orleans, LA

Saturday, May 17, 2014: 7:30 AM – 11:30 AM
Hypertension for the Primary Care Clinician 2014: Part II

7:30 AM – 8:30 AM
Theme IV: Special Populations

7:30 AM Hypertension in Pregnancy
Anne Cathrine Staff, MD, PhD, Oslo, Norway

7:50 AM Hypertension in the Older Hypertensive
Jan N. Basile, MD, FASH, Charleston, SC

8:10 AM Questions
2014 ASH Program, Saturday, May 17

8:30 AM – 10:00 AM

Theme V: Pearls from the ASH Position Papers
8:30 AM Obesity-Related Hypertension
James R. Sowers, MD, FASH, Columbia, MO

9:00 AM Antihypertensive Pharmacology
Keith C. Ferdinand, MD, FASH, New Orleans, LA

9:45 AM Questions

10:00 AM – 11:25 AM

Theme VI: Resistant Hypertension
10:00 AM Reviewing Secondary Causes in the Resistant Hypertensive
Michael J. Bloch, MD, FASH, Reno, NV

10:30 AM Which Device is Best for Resistant Hypertension? A Case-Based Approach
Baroreceptor Activation Therapy is Best
John D. Bisognano, MD, PhD, FASH, Rochester, NY
Renal Denervation is Best
Michael A. Weber, MD, FASH, New York, NY

11:10 AM Questions

11:45 AM – 5:00 PM

Hypertension Highlights for the Hypertension Specialist 2014
11:45 AM Welcome
Domenic A. Sica, MD, FASH, Richmond, VA and William B. White MD, FASH, Farmington, CT

11:50 AM – 1:30 PM

Session I: Updates in Dyslipidemia
Chair: Michael H. Davidson, MD, Chicago, IL
11:50 AM Update on HDL
Alan Remaley, MD, PhD, Bethesda, MD
12:10 PM Novel Therapeutic Agents for Lowering LDL Cholesterol
Michael H. Davidson, MD
12:30 PM Anti-Obesity Drugs and Lipids
Pamela B. Morris, MD, Charleston, SC
12:50 PM Statin Related Side Effects
TBD
1:10 PM Moderated Panel Discussion

1:30 PM – 3:10 PM

Session II: New Insights into Type 2 Diabetes
Chair: William B. White, MD, FASH, Farmington, CT
1:30 PM What Have Recent Diabetes Trials Taught Us?
Hertzel C. Gerstein, MD, MSc, Hamilton, Ontario, Canada
1:50 PM Vascular Disease in the Patient with Type 2 Diabetes
Joshua A. Beckman, MD, MS, Boston, MA
2:10 PM New Approaches to the Management of Diabetic Nephropathy
Kumar Sharma, MD, La Jolla, CA
2:30 PM Effects of New Drug Therapies for Diabetes on Blood Pressure
Raymond R. Townsend, MD, FASH, Philadelphia, PA
2:50 PM Moderated Panel Discussion
3:05 PM Break
<table>
<thead>
<tr>
<th>Day – Date – Time</th>
<th>Clinical Science</th>
<th>Clinical Practice</th>
<th>Special Sessions</th>
<th>Joint Sessions</th>
<th>Debates</th>
<th>Innovations Theater</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friday, May 16, 2014 12:00 PM to 5:00 PM</td>
<td>Hypertension for the Primary Care Clinician: Part I</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Friday, May 16, 2014 5:00 PM to 6:30 PM</td>
<td></td>
<td></td>
<td>ASH/ISHIB Joint Session</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saturday, May 17, 2014 7:30 AM to 11:30 AM</td>
<td>Hypertension for the Primary Care Clinician: Part II</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saturday, May 17, 2014 11:45 AM to 5:00 PM</td>
<td>Hypertension Highlights</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saturday, May 17, 2014 1:00 PM to 5:00 PM</td>
<td></td>
<td></td>
<td>ASH/PCNA Joint Session</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saturday, May 17, 2014 Hypertension Resource Pavilion Opens, Hours – 5:00 PM to 7:30 PM, Opening Reception – 5:30 PM to 7:00 PM, Poster Viewing – 5:30 PM to 6:30 PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sunday, May 18, 2014 8:30 AM to 10:35 AM</td>
<td>Plenary Session I: The Sympathetic Nervous System and Hypertension</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sunday, May 18, 2014 10:45 AM to 12:30 PM</td>
<td>Pregnancy-Associated Hypertension Cardiac Manifestations of Hypertension</td>
<td></td>
<td>ASH/AHA's HBPR Joint Session on CDC/PAHO Initiative on Global Blood Pressure Control</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sunday, May 18, 2014 10:45 AM to 12:30 PM</td>
<td>ASH/ASN Joint Session</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sunday, May 18, 2014 Hypertension Resource Pavilion Opens, Hours – 11:30 AM to 1:45 PM, 5:00 PM to 7:00 PM, Poster Viewing – 6:00 PM to 7:00 PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sunday, May 18, 2014 11:00 AM to 1:30 PM</td>
<td>Plenary Session II: The African-American Patient with Hypertension Blood Pressure Monitoring on the Go</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sunday, May 18, 2014 11:30 AM to 1:30 PM</td>
<td></td>
<td></td>
<td>ASH/ESH Joint Session</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sunday, May 18, 2014 3:45 PM to 5:00 PM</td>
<td>Gestational Hypertension Management of Patients with Hypertension and Specific Co-Morbidities</td>
<td></td>
<td>ASH/ACC Joint Session: Advanced Hypertension Management: A Case-Based Approach</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sunday, May 18, 2014 6:00 PM to 7:00 PM</td>
<td>Innovations Theater</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monday, May 19, 2014 8:00 AM to 10:00 AM</td>
<td>The African-American Patient with Hypertension Blood Pressure Monitoring on the Go</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monday, May 19, 2014 8:00 AM to 10:00 AM</td>
<td>ASH Membership Meeting</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monday, May 19, 2014 10:30 AM to 1:00 PM</td>
<td>Inflammation and Hypertension American Society of Hypertension Forum on Severe and Resistant Hypertension – Summary of Findings</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monday, May 19, 2014 12:00 PM to 1:00 PM</td>
<td>Thomas G. Pickering Memorial Lecture Debate: Proteinuria: Target or Nuisance Debate: Renal Denervation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monday, May 19, 2014 12:00 PM to 1:00 PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monday, May 19, 2014 3:00 PM to 4:45 PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monday, May 19, 2014 4:30 PM to 6:30 PM</td>
<td>ASH Membership Meeting</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuesday, May 20, 2014 7:30 AM to 9:30 AM</td>
<td>Late Breaking Research</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuesday, May 20, 2014 7:30 AM to 9:30 AM</td>
<td>Unappreciated Targets in Hypertension Cognition and Hypertension Workshop on Establishing and Managing an ASH Designated Hypertension Center</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuesday, May 20, 2014 9:45 AM to 11:30 AM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**2014 ASH Program, Saturday, May 17 – Sunday, May 18**

**3:20 PM – 5:10 PM**

Session III: New Vasoactive Drug Development

*Chair:* John C. Burnett, Jr., MD, PhD, Rochester, MN

3:20 PM **Mineralocorticoid Receptor Antagonists and Aldosterone Synthase Inhibitors**
Matthew J. Luther, MD, MSCI, Nashville, TN

3:50 PM **Serelaxin**
Marvin A. Konstam, MD, Boston, MA

4:10 PM **Natriuretic Peptides and Blood Pressure Reduction**
John C. Burnett, Jr., MD, PhD

4:30 PM **Dual Renin-Angiotensin Blockade**
Sripal Bangalore, MD, MHA, New York, NY

4:50 PM **Moderated Panel Discussion**

---

**1:00 PM – 5:00 PM**

**ASH/Preventive Cardiovascular Nurses Association (PCNA) Program**

**5:00 PM – 7:30 PM**

**Hypertension Resource Pavilion Opens**

**5:30 PM – 6:30 PM**

**Poster Viewing**

**5:30 PM – 7:00 PM**

**Opening Reception**

---

**Sunday, May 18, 2014: 6:00 AM – 8:00 AM**

**Sponsored Satellite Symposium**

**Sunday, May 18, 2014: 8:30 AM – 10:35 AM**

**Plenary Session I: The Sympathetic Nervous System and Hypertension**

*Co-Chairs:* Domenic A. Sica, MD, FASH, Richmond, VA and William B. White, MD, FASH, Farmington, CT

8:30 AM **President’s Address**
William B. White, MD, FASH

8:45 AM **Keynote Lecture: Sympathetic Nervous System and Hypertension**
Murray D. Esler, MBBS, PhD, Melbourne, Australia

9:20 AM **Current Evidence and Perspectives on Renal Denervation in Hypertension and Related Disorders**
Jan A. Staessen, MD, PhD, Leuven, Belgium

9:45 AM **Evaluation of Clinical Outcomes Following Peripheral Arterial Interventions: What is Needed for Renal Denervation Studies Long-Term?**
Roxana Mehran, MD, New York, NY

10:10 AM **Resistant Hypertension, Salt, and Successful Drug Therapy**
Rajiv Agarwal, MD, FASH, Indianapolis, IN

10:45 AM – 12:15 PM

**Clinical Science Theme**

**Pregnancy-Associated Hypertension**

*Chair:* S. Ananth Karumanchi, MD, Boston, MA

10:45 AM **Overview of the Problem and Placental-Derived Biomarkers**
S. Ananth Karumanchi, MD

11:05 AM **Immune Mechanisms that Mediate the Pathophysiology of Preeclampsia**
Babbette LaMarca, PhD, Jackson, MS
2014 ASH Program, Sunday, May 18

11:25 AM  Long-Term Consequences of Hypertension During Pregnancy
Anne Cathrine Staff, MD, PhD,
Oslo, Norway

11:45 AM  Original Communications

10:45 AM – 12:15 PM

Clinical Practice Theme

Cardiac Manifestations of Hypertension

Chair: Richard B. Devereux, MD,
New York, NY

10:45 AM  Advances in Cardiac Imaging
Richard B. Devereux, MD

11:05 AM  Evaluation and Management of Heart Failure with Preserved Systolic Function
Julio A. Chirinos, MD, PhD,
Philadelphia, PA

11:25 AM  Evaluation and Management of Heart Failure with Reduced Systolic Function
TBD

11:45 AM  Original Communications

10:45 AM – 12:30 PM

ASH/American Society of Nephrology (ASN) Joint Session: Hypertension Guidelines and Consensus Recommendations

Co-Chairs: George L. Bakris, MD, FASH, Chicago, IL and Jackson T. Wright Jr., MD, PhD, FASH, Cleveland, OH

10:45 AM  KDIGO Clinical Practice Guideline for Management of Blood Pressure in CKD
Sandra J. Taler, MD, FASH, Rochester, MN

11:00 AM  Overview of JNC 8 Panel Recommendations, ASH/ISH Endorsed Guidelines and ESH Guidelines
Raymond R. Townsend, MD, FASH, Philadelphia, PA

11:35 AM  Making Sense of It All: How Does the Clinician Integrate Guidelines into Practice
Jackson T. Wright, Jr., MD, PhD, FASH

12:00 PM  Questions and Answers
### 2014 ASH Program, Sunday, May 18 – Monday, May 19

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00 PM</td>
<td>Luncheon</td>
</tr>
<tr>
<td>2:00 PM</td>
<td><strong>Clinical Science Theme</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Aortic Stiffness and Hypertension</strong></td>
</tr>
<tr>
<td></td>
<td>Chair: Gary F. Mitchell, MD, Norwood, MA</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>Cellular Determinants of Vascular Stiffness</td>
</tr>
<tr>
<td></td>
<td>Francesca Seta, PhD, Boston, MA</td>
</tr>
<tr>
<td>2:22 PM</td>
<td>Determinants of Aortic Stiffening</td>
</tr>
<tr>
<td></td>
<td>Gary F. Mitchell, MD</td>
</tr>
<tr>
<td>2:44 PM</td>
<td>Vascular Stiffness, Chronic Kidney Disease, and Aging</td>
</tr>
<tr>
<td></td>
<td>Orson W. Moe, MD, Dallas, TX</td>
</tr>
<tr>
<td>3:06 PM</td>
<td>Therapeutic Implications of Increased Central Blood Pressure</td>
</tr>
<tr>
<td></td>
<td>John R. Cockcroft, MD, Cardiff, United Kingdom</td>
</tr>
<tr>
<td></td>
<td><strong>Clinical Practice Theme</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Management of Patients with Hypertension and Specific Co-Morbidities</strong></td>
</tr>
<tr>
<td></td>
<td>Chair: Donald L. Batisky, MD, Atlanta, GA</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>The Patient with Hypertension and Coronary Disease</td>
</tr>
<tr>
<td></td>
<td>Sanjay Rajagopalan, MD, Baltimore, MD</td>
</tr>
<tr>
<td>2:22 PM</td>
<td>The Patient with Supine Hypertension and Orthostatic Hypotension</td>
</tr>
<tr>
<td></td>
<td>Italo Biaggioni, MD, PhD, Nashville, TN</td>
</tr>
<tr>
<td>2:44 PM</td>
<td>The Adolescent Patient with Hypertension</td>
</tr>
<tr>
<td></td>
<td>Joseph T. Flynn, MD, MS, FASH, Seattle, WA</td>
</tr>
<tr>
<td>3:06 PM</td>
<td>Blood Pressure Management Following a Stroke</td>
</tr>
<tr>
<td></td>
<td>Philip B. Gorelick, MD, MPH, Grand Rapids, MI</td>
</tr>
<tr>
<td></td>
<td><strong>ASH/European Society of Hypertension (ESH) Joint Session</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Genomics and Hypertension</strong></td>
</tr>
<tr>
<td></td>
<td>Chair: Friedrich C. Luft, MD, Berlin, Germany</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>Mendelian Hypertension and Implications of the Genome-Wide Association Studies (GWAS)</td>
</tr>
<tr>
<td></td>
<td>Friedrich C. Luft, MD, MD</td>
</tr>
<tr>
<td>4:05 PM</td>
<td>Gee Whiz: GWAS: Studies from Framingham</td>
</tr>
<tr>
<td></td>
<td>Daniel Levy, MD, Framingham, MA</td>
</tr>
<tr>
<td>4:25 PM</td>
<td>From Animal Models to Humans</td>
</tr>
<tr>
<td></td>
<td>TBD</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>Moderated Panel Discussion</td>
</tr>
<tr>
<td></td>
<td><strong>Blood Pressure Guidelines</strong></td>
</tr>
<tr>
<td></td>
<td>Chair: Paul K. Whelton, MB, MD, MSc, New Orleans, LA</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>Does Evidence Matter and If So When?</td>
</tr>
<tr>
<td></td>
<td>Paul K. Whelton, MB, MD, MSc</td>
</tr>
<tr>
<td>4:05 PM</td>
<td>Where Does the Clinical Trial Evidence Fall Short?</td>
</tr>
<tr>
<td></td>
<td>Henry R. Black, MD, FASH, New York, NY</td>
</tr>
<tr>
<td>4:25 PM</td>
<td>Implementation of Guidelines in Practice</td>
</tr>
<tr>
<td></td>
<td>Suzanne Oparil, MD, FASH, Birmingham, AL</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>Moderated Panel Discussion</td>
</tr>
</tbody>
</table>
2014 ASH Program, Sunday, May 18 – Monday, May 19

3:45 PM – 5:00 PM
ASH/American College of Cardiology (ACC) Joint Session: Advanced Hypertension Management: A Case-Based Approach
Co-Chairs: Jeffrey W. Olin, DO, New York, NY and C. Venkata S. Ram, MD, FASH, Dallas, TX

3:45 PM – 5:00 PM
Young Investigator-in-Training Abstract Competition

6:00 PM – 7:00 PM
Poster Viewing
6:00 PM – 7:00 PM
Innovation Theater

Monday, May 19, 2014: 8:00 AM – 10:00 AM
Clinical Science Theme

The African-American Patient with Hypertension
Chair: J. Howard Pratt, MD, Indianapolis, IN
8:00 AM Apolipoprotein L1: Insights into Kidney Disease
Barry J. Freedman, MD, Winston-Salem, NC
8:20 AM The Role of Salt Sensitivity
J. Howard Pratt, MD
8:40 AM Blood Pressure Targets: Should They Differ?
Jackson T. Wright, Jr., MD, PhD, FASH, Cleveland, OH
9:00 AM Drug Therapy: Do Choices Matter?
John M. Flack, MD, MPH, FASH, Detroit, MI
9:20 AM Original Communications

Clinical Practice Theme

Blood Pressure Monitoring on the Go
Chair: Cheryl L. Laffer, MD, PhD, Nashville, TN
8:00 AM The Ambulatory Blood Pressure Landscape (Overview)
Joshua A. Samuels, MD, FASH, Houston, TX
8:20 AM Circadian Variability: Is It Of Clinical Importance?
Mahboob Rahman, MD, MS, FASH, Cleveland, OH
8:40 AM Now You See It, Then You Don’t (White-Coat Effect)
William J. Elliott, MD, PhD, FASH, Yakima, WA
9:00 AM Now You Don’t See It, Then You Do (Masked Hypertension)
Kazuomi Kario, MD, PhD, Tochigi, Japan
9:20 AM Original Communications

Clinical Science Theme

Inflammation and Hypertension
Chair: David G. Harrison, MD, Nashville, TN
10:30 AM Immunology for the Non-Immunologist
Joaquin Madrenas, MD, PhD, Montreal, Canada
10:52 AM Immunology in Hypertension
David G. Harrison, MD
11:14 AM Inflammation and the Kidney
David L. Mattson, PhD, Milwaukee, WI
11:36 AM Salt, Autoimmunity, and Immune Cells
Dominik N. Müller, PhD, Berlin, Germany
2014 ASH Program, Monday, May 19

American Society of Hypertension Forum on Severe and Resistant Hypertension Consensus: Summary of Findings
Co-Chairs: William B. White, MD, FASH, Farmington, CT and Bram Zuckerman, MD, Silver Spring, MD

10:30 AM  Properly Defining Resistant Hypertension
David A. Calhoun, MD, FASH, Birmingham, AL

10:50 AM  Drug Therapies for Severe and Resistant Hypertension
Domenic A. Sica, MD, FASH, Richmond, VA

11:10 AM  When to Consider Renal Denervation Therapy?
Herbert D. Aronow, MD, MPH, Ypsilanti, MI

11:30 AM  Moderated Panel Discussion

12:00 PM – 1:00 PM
Poster Viewing: Exhibit Hall Area

3:00 PM – 3:45 PM
Thomas G. Pickering, MD, DPhil
Memorial Lecture
Chair: William B. White, MD, FASH, Farmington, CT
What Have We Learned From the IDACO Database
Jan A. Staessen, MD, PhD, Leuven, Belgium

3:00 PM – 3:45 PM
Debate: Renal Denervation
Moderator: Franz H. Messerli, MD, FASH, New York, NY
Pro: George L. Bakris, MD, FASH, Chicago, IL
Con: Ronald G. Victor, MD, Los Angeles, CA
Original Communication

3:00 PM – 3:45 PM
Debate: Proteinuria: Target or Nuisance
Moderator: Robert A. Phillips, MD PhD, FASH, Houston, TX
Pro for Proteinuria as a Target: Matthew R. Weir, MD, FASH, Baltimore, MD
Con for Proteinuria as a Target: Joseph L. Izzo, Jr., MD, FASH, Buffalo, NY
Original Communication

4:00 PM – 5:00 PM
American Society of Hypertension Membership Meeting
2014 ASH Program, Tuesday, May 20

Tuesday, May 20, 2014: 7:30 AM – 9:30 AM

Late-Breaking Clinical Research
Co-Chairs: Domenic A. Sica, MD, FASH, Richmond, VA and William B. White, MD, FASH, Farmington, CT

9:45 AM – 11:25 AM

Clinical Science Theme

Unappreciated Targets in Hypertension
Chair: David M. Pollock, PhD, Birmingham, AL

9:45AM Soluble Guanylate Cyclase Activation
John C. Burnett, Jr., MD, Rochester, MN

10:10 AM Revisiting Oxidative Stress
Matthew C. Zimmerman, PhD

10:35 AM Endothelin-1
David M. Pollock, PhD

11:00 AM Eicosanoids
Michal L. Schwartzman, PhD, Valhalla, NY

Clinical Practice Theme

Cognition and Hypertension
Chair: William C. Cushman, MD, FASH, Memphis, TN

9:45 AM Impact of Hypertension on Cognitive Function
Clinton B. Wright, MD, MS, Miami, FL

10:10 AM Preventing Vascular Dementia
Jeffrey D. Williamson, MD, Winston-Salem, NC

10:35 AM Neurocognition Early in Life: Blood Pressure Effects
Marc B. Lande, MD, MPH, Rochester, NY

11:00 AM The SPRINT-MIND Study: What We Hope to Derive From It
William C. Cushman, MD, FASH

9:45 AM – 11:30 AM

How to Set Up an ASH Designated Hypertension Center
Memories of the 2013 Annual Scientific Meeting and Exposition
**Advance Registration Form** Please type or print legibly and complete ALL information requested.

**Registrant Information**

<table>
<thead>
<tr>
<th>Last Name</th>
<th>First Name</th>
<th>Middle Initial</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Affiliation</th>
<th>Address</th>
<th>City</th>
<th>State/Province</th>
<th>Postal Code</th>
<th>Country</th>
<th>Telephone Number</th>
<th>Fax Number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Email Address (please write very legibly)</th>
<th>Membership ID#</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Please Indicate (required field):*

- [☐] Physician Specialty
  - Cardiology
  - Endocrinology
  - Lipidology
  - Nephrology
  - Family Practice
  - Internal Medicine
  - Pediatrics
  - Other: __________________________

- [☐] Nurse/Nurse Practitioner

- [☐] Pharmacist

- [☐] Physician Assistant

- [☐] Other: __________________________

- [☐] Check here if you have any special needs or requirements – we will contact you.

**Meeting Registration:** (Please check one option below and circle appropriate fee)

<table>
<thead>
<tr>
<th>On or Before April 7, 2014</th>
<th>After April 7, 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ASH</strong></td>
<td><strong>Member</strong></td>
</tr>
<tr>
<td>Hypertension Highlights 2014</td>
<td>$150</td>
</tr>
</tbody>
</table>

* Saturday, May 17 only – Fee includes admission to Hypertension Highlights, Hypertension Resource Pavilion, Innovations Theater, Poster Presentations and Social Events

<table>
<thead>
<tr>
<th>Full Meeting Registration</th>
<th>On or Before April 7, 2014</th>
<th>After April 7, 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ASH</strong></td>
<td><strong>Member</strong></td>
<td><strong>Non-Member</strong></td>
</tr>
<tr>
<td>MD</td>
<td>$550</td>
<td>$795</td>
</tr>
<tr>
<td>PhD</td>
<td>$550</td>
<td>$795</td>
</tr>
<tr>
<td>Industry Professional</td>
<td>$550</td>
<td>$795</td>
</tr>
<tr>
<td>Pharmacist/RN/PA/NP</td>
<td>$175</td>
<td>$275</td>
</tr>
<tr>
<td>In-Training</td>
<td>$75</td>
<td>$100</td>
</tr>
</tbody>
</table>

* Friday, May 16 – Tuesday, May 20 – Full Meeting Registration includes admission to Hypertension Highlights, Hypertension Resource Pavilion, Plenary Sessions, Scientific Sessions, Debates, Poster Presentations, Innovations Theater, Satellite Symposia and Embedded Symposia and all ASH Social Events

| Hypertension for the Primary Care Clinician | $150 | $150 |

* Friday, May 16 – Saturday, May 17 – Fee only includes admission to Hypertension for the Primary Care Clinician Curriculum, Hypertension Resource Pavilion and Innovations Theater

| Nurse Practitioners Session | $75 | $75 |

* Saturday, May 17 – Fee only includes admission to the Nurse Practitioner Session, Hypertension Resource Pavilion and Innovations Theater

| Hypertension for the Primary Care Clinician AND Nurse Practitioners Session | $175 | $175 |

* Friday, May 16 – Saturday, May 17 – Fee only includes admission to Hypertension for the Primary Care Clinician Curriculum, Nurse Practitioner Session, Hypertension Resource Pavilion and Innovations Theater

| Would like to Attend ISHIB Meeting | $75 | $75 |

* Thursday, May 15 – Friday, May 16

**Payment Information:** NO CASH OR BANK TRANSFERS. Registration may be paid with VISA, MasterCard, American Express, check, or money order. Checks and money orders must be drawn on American banks and in U.S. Dollars.

Make check payable to:

Mail to: American Society of Hypertension, Inc. ASH 2014 Registration, 779 East Chapman Road, Oviedo, FL 32765

US & Canada: 800-292-8130
International Registrants: 407-971-4480, Fax: 407-366-4138

ASH2014reg@regmaster.com
(Questions only; For online registration visit www.ash-us.org)

**Payment Computations**

<table>
<thead>
<tr>
<th>Registration Fee:</th>
<th>$_______________</th>
</tr>
</thead>
<tbody>
<tr>
<td>VISA</td>
<td>MasterCard</td>
</tr>
<tr>
<td>Cardholder’s Name</td>
<td>Exp. Date</td>
</tr>
<tr>
<td>Credit Card Number</td>
<td>Card Verification Code</td>
</tr>
<tr>
<td>Cardholder’s Signature</td>
<td></td>
</tr>
</tbody>
</table>
ASH Hypertension Community Outreach 2013

The American Society of Hypertension (ASH), the leading voice for high blood pressure in the U.S., has committed to an innovative public health approach. It comprehensively screens and educates individuals who are at high risk for hypertension. During the recent 2013 Annual Scientific Meeting & Exposition in San Francisco, California, ASH completed its sixth citywide Hypertension Community Outreach Program to educate the public hypertension by intervention and education at the community level. Overall, the ASH outreach effort builds on previous and ongoing public health programs.

On Saturday, May 18, 2013, the American Society of Hypertension, Inc. (ASH), in collaboration with the International Society on Hypertension in Blacks (ISHIB), held a health screening festival in San Francisco, California. In five hours, 155 people were registered and screened for blood pressure, glucose, cholesterol, and BMI. Eight physicians from ASH and ISHIB, Keith C. Ferdinand, MD, Chair, ASH Hypertension Community Outreach Committee, Steven Yarows, MD, Co-Chair, ASH Hypertension Community Outreach Committee, Vieta Bland, MD, Cornelius flowers, MD, Joseph Izzo, Jr., MD, Suzanne Nicholas, MD, David Kountz, MD, Priscilla Johnson, PhD and Elijah Saunders, MD, were available to counsel privately with each patient about his or her testing results and overall health.

The ASH Outreach Initiative, for over six years, has included screening and education at the community level as well as directly educating physicians, nurse practitioners, and other front-line providers where they practiced. Grand Rounds were held at Kaiser Permanente San Francisco and Kaiser Permanente Oakland.

Many thanks to Kaiser Permanente for providing information to the public about nutrition, smoking cessation, exercise, diabetes weight, stress, heart disease, colds and flu and allergies. A special thank you to Takeda Pharmaceuticals, U.S.A., Inc., and Omron Healthcare, Inc. for their generous support of the ASH Hypertension Community Outreach program.

In September 2013, ASH once again anchored the Health and Wellness Village at the 7th Annual WCBS/Yankees Radio Network FanFest. The Health and Wellness Village is dedicated to promoting physical fitness and the well-being of all baseball fans. Joining ASH were American Kidney Fund, Association of Black Cardiologists, American Heart Association, Cookin’ Lite – Cookin’ Easy, DoSomething.org, International Society on Hypertension in Blacks, Mount Sinai Medical Center, Northeast Lipid Association, Sanford Brown Institute, and Urban Yoga Foundation.

Accomplishments

• We produced four Hypertension Community Outreach site videos, four patient education videos, one public service announcement and one patient information pamphlet, available both in English and Spanish.
• We provided Grand Rounds for twelve Hospitals and visited twenty clinics for in-service training.
• We participated in the National Campaign Launch of “Pair-Up” with the American Kidney Fund.

In 2011, the Hypertension Community Outreach Program reached new boundaries and for the first time, extended past the US borders to the Island of Montserrat—for “Blood Pressure without Borders”.

Visit the blog, www.ashoutreach.blogspot.com to read all about the trip. The last entry describes the “Staggering Initial findings.”

Visit the ASH website www.ash-us.org – Patients menu – to read about the Patient Videos ASH created in 2011.
Community Partners – 2013
ASH is grateful for the support of their Community Partners!!

HYPERTENSION COMMUNITY OUTREACH PROGRAM – SAN FRANCISCO
INTERNATIONAL SOCIETY ON HYPERTENSION IN BLACKS, INC.
KAISER PERMANENTE
METROPOLITAN EXPOSITION, INC.
OMRON HEALTHCARE, INC.
SAN FRANCISCO MARRIOTT MARQUIS
TAKEDA PHARMACEUTICALS U.S.A., INC.

HEALTH AND WELLNESS VILLAGE AT YANKEE FANFEST – NEW YORK
AMERICAN KIDNEY FUND
ASSOCIATION OF BLACK CARDIOLOGISTS, INC.
AMERICAN HEART ASSOCIATION/AMERICAN STROKE ASSOCIATION
COOKIN’ LITE – COOKIN’ EASY
DOSOMETHING.ORG/GIVE A SPIT/BE THE MATCH
INTERNATIONAL SOCIETY ON HYPERTENSION IN BLACKS, INC.
METROPOLITAN EXPOSITION, INC.
MOUNT SINAI MEDICAL CENTER
NORtheast LIPID ASSOCIATION
SANFORD BROWN INSTITUTE
URBAN YOGA FOUNDATION

For Partnership Opportunities please contact Gilda Caputo-Hansen,
ash@hansenglobalevents.com
ASH Membership Application

Please type or print legibly and complete ALL information requested.

☐ New Member  ☐ Renewing Member  Date Submitted: ______________

1. Name and principal mailing address:

<table>
<thead>
<tr>
<th>Last (Family) Name</th>
<th>First Name</th>
<th>Middle Initial</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>City</th>
<th>State/Province</th>
<th>Country</th>
<th>Postal Code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Telephone Number</th>
<th>Facsimile</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Email Address (please write very legibly)

2. Membership Categories (check one):

Regular Membership.................................................................................................................. $ 250.00
Associate Membership................................................................................................................ $ 125.00
Individual Corporate Membership ................................................................................................ $ 100.00
Must submit letter from institution confirming status
Member-In-Training .................................................................................................................. $ 75.00
Lay Membership ....................................................................................................................... $ 35.00

Optional Membership Add-Ins

☐ Optional – ASH Chapter Membership: .................................................................................. $ 25.00

For Domestic Membership only, see next page for the current ASH Chapters and fee schedules.
Chapter membership is Complimentary for Members-in-Training (where applicable)

Specify Chapter: _________________________________________________

☐ Optional – ASH Foundation Donation (suggested amount): .................................................. $ 25.00

Based on fee schedule above, please indicate total payment included ........................................ $ _____

3. Specialty (circle one): internal medicine, primary care, cardiology, nephrology, endocrinology, other:

_____________________________________________________________________________________

4. Practice Setting (circle all that apply): private practice, hospital staff, research, academia, administration, industry, other:

_____________________________________________________________________________________

_____________________________________________________________________________________

Payment (no cash or bank transfers) may be made with American Express, VISA, MasterCard, check or money order. Checks or money orders (drawn on American banks and in U.S. dollars) are payable to: American Society of Hypertension, Inc. (ASH). Mail this completed form and payment to American Society of Hypertension Inc, 45 Main Street, Suite #712, Brooklyn, NY 11201; or you may fax your form if you are paying by credit card to: 347-916-0267. For membership inquiries, call 212-696-9099.

Membership Year is on an anniversary basis and will expire 12 months from the month you join the Society.

☐ American Express  ☐ VISA  ☐ MasterCard  ☐ Check (Must include applicant’s LAST Name or ID#)

<table>
<thead>
<tr>
<th>Cardholder’s Name</th>
<th>Credit Card Number</th>
<th>Exp. Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cardholder’s Telephone Number</th>
<th>Cardholder’s Signature</th>
</tr>
</thead>
</table>
ASH Regional Chapters

Current ASH Chapters and Dues Schedule:

**ASH Regional Chapter Dues: $25.00**

- Carolinas, Florida and Georgia Chapter (Southern Florida, Georgia, North Carolina, South Carolina)
- Delaware Valley Chapter (Delaware, Pennsylvania, & Southern New Jersey)
- Eastern Regional Chapter (Connecticut, Northern New Jersey, New York)
- Gulf Central Regional Chapter (Alabama, Florida [Panhandle], Louisiana, Mississippi)
- Mid-Atlantic Regional Chapter (Maryland, Virginia, Washington, DC)

*Individuals can apply for membership online at www.ash-us.org*
ASH 2014

New York Hilton Midtown
Friday, May 16, 2014 – Tuesday, May 20, 2014

ASH CORPORATE MEMBERS
Boehringer Ingelheim Pharmaceuticals, Inc.
Daiichi Sankyo, Inc.
Forest Laboratories, Inc.
Medtronic Renal Denervation
Novartis Pharmaceuticals Corporation
Takeda Pharmaceuticals U.S.A., Inc.

FUTURE ASH ANNUAL SCIENTIFIC MEETING DATES:
Saturday, May 16, 2015 – Tuesday, May 19, 2015
New York Hilton Midtown
Saturday, May 14, 2016 – Tuesday, May 17, 2016
New York Hilton Midtown