



American  
Heart  
Association.

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**SCIENTIFIC** 2|0  
**SESSIONS** 1|8

# FINAL PROGRAM

Nov. 10–12 | Chicago, IL

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**AHA would also like to thank the following companies for their support of AHA's Scientific Sessions 2018. This support was provided in the form of educational grants:**

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\*as of October 4, 2018



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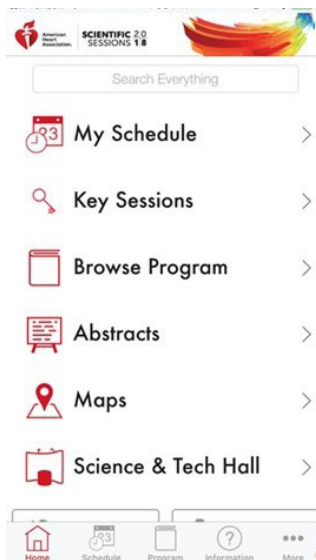
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# How to Navigate the Program

Here's how to find your AHA Scientific Sessions educational content:

- Use this final program to review sessions by area of interest (Community). Sessions are listed chronologically by area of interest.
- Looking for more detail? Go to the AHA Mobile Meeting Guide App and search for your sessions by area of interest, session type or day.
- Use the global search option in the AHA Mobile Meeting Guide App to find specific faculty, your own presentation, search by session number or complete a keyword search.

For information on the Science and Technology Hall, Poster Hall, Council Events, Unofficial Satellite Events, shuttle schedules, maps and more, refer to the AHA Mobile Meeting Guide App or the Onsite Science and Technology Hall Planner.



Search and download the app from the Google Play or App Store by searching "AHA Conferences"!

Supported by:



# Sessions 2018 Highlights

## Presidential Session

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Sun., Nov. 11 • 1:00–3:00 PM

*Main Event 1*

### **Lewis A. Conner Presidential Address**

Ivor J. Benjamin, Milwaukee, WI

### **Chairman's Award**

Mary Ann Bauman, Seattle, WA

### **Distinguished Scientist Recognition**

Lawrence J. Appel, Baltimore, MD

Kathleen L. Grady, Chicago, IL

Robert A. Levine, Boston, MA

Aldons J. Lusis, Los Angeles, CA

John Spertus, Kansas City, MO

Joseph C. Wu, Stanford, CA

### **Basic Research Prize Award**

David Harrison, Nashville, TN

### **Clinical Research Prize Award**

William Hiatt, Aurora, CO

### **Population Research Prize Award**

Mary Cushman, Burlington, VT

### **Eugene Braunwald Academic Mentorship Award**

Robert Califf, Durham, NC

### **Research Achievement Award**

Gary Gibbons, Bethesda, MD

### **Joseph A. Vita Award**

Sekar Kathiresan, Boston, MA

## Early Career Development

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The Early Career/Professional Development sessions promote networking and mentorship between early career members and senior investigators for scientific outreach and career building. The sessions are open to all attendees but are targeted to early career participants. These sessions are part each Community's Track and take place every day of the conference in accordance with the Community programming. See programming details beginning on page 31 or refer to the AHA Mobile Meeting Guide for details.

**Sat., Nov. 10 • Noon–2:00 PM**

### **Early Career Speed Mentoring & Networking Session**

*Science and Technology Hall*

**Sun., Nov. 11 • Noon–1:00 PM**

### **Early Career Lunch\***

Lunch with Legends.

*McCormick Place, N227*

**Sun., Nov. 11 • 5:00–6:30 PM**

### **Early Career & FIT Reception\*\***

*McCormick Place, Early Career/FIT Lounge*

Please see the Early Career session type for complete programming information.

## Young Investigator Award Competitions

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Don't miss these council-sponsored sessions/ competitions throughout the conference that recognize promising and outstanding investigators in the early stages of their careers and stimulate continued interest in basic or clinical research.

*\*ticketed event*

*\*\*AHA Professional Members only event*

**Mon., Nov. 12 • Noon–1:30 PM**

**Young Investigator Awards Luncheon\***

This awards luncheon recognizes the winners and finalists of council-sponsored young investigator competitions.

*McCormick Place, Science and Technology Hall, Expert Theater, Booth 250*

**Fellows in Training**

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The American Heart Association | American Stroke Association (AHA | ASA) Fellows in Training (FIT) program was developed in 2016 and is one of the American Heart Association's top priorities. AHA is hosting a Fellows in Training/Early Career (FIT/EC) Lounge to provide the Fellows a space to relax, network, and learn. These FIT-dedicated sessions will take place at the FIT/EC Lounge from Saturday through Monday. These sessions are created and hosted by current members of the AHAFIT and aimed to provide opportunities for them to learn critical skills and to facilitate their career growth and development. Refer to the AHA Mobile Meeting Guide for details.

*\*ticketed event*



## Special Lectures

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### **Lewis A. Conner Presidential Address**

Ivor J. Benjamin, Milwaukee, WI  
Sun., Nov 11, 1:00 PM, *Main Event I*

### **Distinguished Scientist Lecture**

Paul M. Ridker, Boston, MA  
Sat. Nov. 10, 12:30 PM  
*Main Event II (S100)*

### **Paul Dudley White Lecture**

Sir Magdi Yacoub, London, England  
Sun., Nov 11, 3:45 PM, N226

## Event Highlights

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### **Interactive Sessions**



The Social Q&A feature in the AHA Mobile Meeting Guide allows you to interact with speakers throughout the meeting. From ground breaking late breaking clinical trial sessions to sessions for your specialty, you will have the opportunity to ask questions via the mobile app. To participate be sure and download the App by searching “AHA Conferences” in the App Store or Google Play.

### **Cutting Edge in Cardiovascular Science**

**Sat, Nov 10, 9:00–10:15 AM, *Main Event I***

The opening main event session will kick off the conference with an exciting session featuring rapid-fire style talks on intriguing topics with prominent speakers. Topics include nanotech monitoring, rapid drug development, the gut microbiome and CV health, the heart-brain connectome and anti-atherosclerosis vaccines for CVD prevention.

### **Late-breaking Science**

Find out the latest developments in clinical trials, trial updates and registries. Hear directly from the investigators about the newest development in the field and how practice will change based new findings. Late-breaking sessions are held on Saturday and Sunday at various times. Refer to the AHA Mobile Meeting Guide for session details.

## **Health Tech Summit**

**Sat., Nov. 10–Mon., Nov. 12**

**Health Innovation Pavilion, Booth 214, Science & Technology Hall**

The Health Tech Summit now features three days of events in the new Health Innovation Pavilion. The Summit will explore the role of technology in the treatment and prevention of cardiovascular disease, and will examine ways to drive innovation and collaboration in the marketplace. Session topics were created for everyone from basic researchers to those in clinical practice. The fourth annual Health Tech Competition will be held on Saturday, November 10, 1:00–2:30 PM in this area. Be sure to join us for events in this area throughout the conference.

## **2018 Cholesterol Clinical Practice Guidelines**

The 2018 Cholesterol Clinical Practice Guidelines will provide clinicians with a series of recommendations that will change the way practitioners evaluate and manage high blood cholesterol. Join us for sessions that will discuss these important recommendations. Refer to the AHA Mobile Meeting Guide for session details.

## **Bending the Curve in CVD Mortality Colloquium: Bethesda + 40**

**Mon., Nov. 12, 8:30 am – 12:40 PM**

*McCormick Center, N227*

The original Bethesda Conference in 1978 focused on confirming, and exploring the reasons for the decline in CHD death rates that was just beginning at that time. Forty years of groundbreaking research and continued declines in CVD death rates ensued. In this decade, however, CVD death rate declines appear to have flattened or reversed – sparking the need for another such conference.

The AHA and the NHLBI are therefore convening a half-day interactive session to propose solutions and map a research agenda for the future. Attendees in this session will hear the latest thoughts on trends in CVD death rates in the US and beyond, and will actively engage with thought leaders and policy makers to help reignite improvements in population cardiovascular health.

### **Learn in the Simulation Zone**

Test your cardiac knowledge, skills and critical thinking in the AHA's hands-on, Simulation Zone. Sessions are non-CME accredited. Don't miss these educational offerings in Booth 2224, Science and Technology Hall.

### **EP Central**

Gather, network and exchange information in this relaxing venue for electrophysiologists and others interested in

EP. The area will feature non-CME accredited educational activities, career development activities and information relevant to the EP community across the AHA. Located in Booth 226, Science and Technology Hall.



## **Interventional Central**

Interventional Central is the place for like-minded professionals to gather for networking, career development and educational activities. Geared toward interventionalists, this area has non-CME accredited educational sessions in an informal setting. Join us for Global Trivia, Meet the Editors sessions or to connect with your colleagues. Located in Booth 438, Science & Technology Hall.

## **Frontiers in Science: Therapeutic Discovery Summit**

Mon., Nov. 12, 7:15 AM–6:45 PM

*McCormick Place, S102bc*

This new Frontier program will highlight cutting edge research efforts ranging from biomaterials and iPSCs to stem cells, gene therapy, therapeutic delivery modalities and drug discovery, as well as the important interface between academia and industry. Global leaders will present the most current data on these topics and attendees will be able to engage directly with presenters during this summit.

## **Frontiers in Science: Arrhythmia Research Summit**

Sat., Nov. 10, 7:15 AM–6:45 PM

*McCormick Place, S105abc*

The Arrhythmia Research Summit will bring together faculty and participants interested in arrhythmia mechanisms and management to participate in discussions on cutting edge research and therapeutic innovation. The rapid-fire presentations, debates and state-of-the-art talks will feature a wide range of electrophysiology topics, and include expert speakers from applied, basic, translational, and genomic sciences, biomedical engineering, and outcomes research.

## **Frontiers in Science: Vascular Disease Summit**

Sat., Nov. 10, 3:45 PM–6:45 PM

*McCormick Place, S106b*

This program will provide a venue for the exchange of new ideas and collaboration between investigators

engaged in cutting-edge research or “frontier science” in Peripheral Vascular Disease (PVD). Speakers present in a rapid-fire format on current research activities

in their basic, clinical, epidemiologic or trial settings, followed by in-depth discussion. The overarching goals are to offer an intimate setting for intense open scientific discussion, to encourage “cross-pollination,” share proven methodologies that may apply more broadly across specialty areas, and inspire scientific collaboration.



## **Frontiers in Science: Thrombosis Summit**

Mon., Nov. 12, 7:15 AM–12 PM

*McCormick Place, S104a*

This program will provide a new platform for exploring the most recent progress in thrombosis research, bridging from basic to clinical science, and will facilitate communication and networking between thrombosis researchers and clinicians. The Summit will include topics on Inflammatory Mechanisms in Thrombosis, Cancer and Thrombosis and Urgent Diagnosis and Management of Aggressive Thrombosis Syndromes.

## **Peripheral Vascular Disease — Workshop**

Sat., Nov. 10, 7:15 AM–3:15 PM

*McCormick Place, S106b*

An expert led update on key topics in the multidisciplinary management of common and uncommon vascular diseases for early career and practicing vascular practitioners. Interactive career guidance discussion for vascular clinicians and researchers.

## **State of the Art Cardiovascular Care 2018**

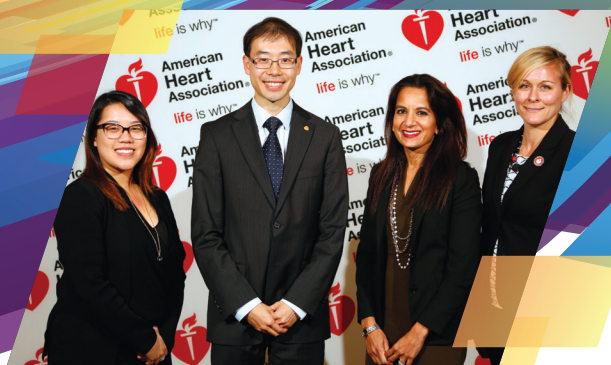
**Sat., Nov. 10, McCormick Place, W190**

This one-day seminar is dedicated to physicians, nurses, and other health professionals to communicate the latest advances in clinical cardiovascular care, including late-breaking science and clinical trials reported at major cardiology conferences in the second half of 2018. Session topics will provide recommendations and updates that can be incorporated into your everyday practice. You'll have the chance to ask thought leaders your questions about state-of-the-art cardiovascular care.

## More Don't-Miss Educational Activities

Main Event Sessions  
Late-Breaking Science  
Health Tech Competition  
Rapid Fire Oral Abstract Sessions  
Moderated Digital Poster Sessions  
Cardiovascular Expert Theaters

For details on these activities, access the AHA Mobile Meeting Guide App or [scientificsessions.org](http://scientificsessions.org).



## AHA/ASA Professional Membership

AHA/ASA Professional Membership and its scientific councils.

The mission of the American Heart Association and its 16 scientific councils is to reduce disability and death from cardiovascular diseases and stroke. This is accomplished by attracting, developing and retaining science volunteers as a source of information to develop current and emerging cardiovascular and stroke science content that is credible, accurate and timely. Professional members participate in committees that determine how our research funding is allocated and which programs and abstracts will be presented at Scientific Sessions and other AHA scientific conferences. They also participate in writing groups that produce scientific statements and guidelines.

Our vision is to be widely recognized by the public and healthcare professionals as the premier knowledge base for scientific information on the diagnosis, treatment and prevention of cardiovascular diseases and stroke.

In pursuit of this mission, the scientific councils have established programs to serve the science community, highlight research and reward significant accomplishments in the field of cardiovascular diseases and stroke. These programs include the Young Investigator Competitions, Distinguished Achievement Awards and Named Lectures.



## Arteriosclerosis, Thrombosis and Vascular Biology

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**Sat., Nov. 10 • 7:00–9:00 PM**

**ATVB Early Career Networking Reception\***

*Marriott Marquis, Grand Horizon C*

**Sun., Nov. 11 • 3:45–4:45 PM**

**ATVB Early Career Investigator Award Competition**

*McCormick Place, S401d*

**Sun., Nov. 11 • 7:00 – 9:00 PM**

**Women's Leadership Committee's Networking Evening\***

(Everyone is welcome)

*Marriott Marquis, Water Tower AB*

**Mon., Nov. 12 • 9:00–9:30 AM**

**George Lyman Duff Memorial Lecture**

**Ruth McPherson, Ottawa, ON, Canada**

*McCormick Place, S105abc*

**Mon., Nov. 12 • 10:45–11:15 AM**

**Russell Ross Memorial Lecture in Vascular Biology**

**Joseph L. Witztum, La Jolla, CA**

*McCormick Place, S105abc*

**Mon., Nov. 12 • 12:15–1:30 PM**

**Annual Awards and Business Meeting Luncheon\***

(All ATVB Council Members are invited)

*Marriott Marquis, Great Lakes C*

**ATVB Special Recognition Award (Arteriosclerosis)**

Shobha Ghosh, Richmond, VA

**ATVB Special Recognition Award (Thrombosis)**

Tatiana V. Byzova, Cleveland, OH

**ATVB Special Recognition Award (Vascular Biology)**

Yabing Chen, Birmingham, AL

**ATVB Distinguished Achievement Award**

Edward Fisher, New York, NY

• *Box lunch provided*

• Officer Election, Newly Elected FAHAs, Award

Presentations and Travel Grant Recognition

**Mon., Nov. 12 • 2:00–2:30 PM**

**Sol Sherry Distinguished Lecture in Thrombosis**

**Steven R. Lentz, Iowa City, IA**

*McCormick Place, S104a*

*\*ticketed event*

## Basic Cardiovascular Sciences

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**Sat., Nov. 10 • 7:00–10:00 PM**

**Council on Basic Cardiovascular Sciences  
Annual Business Meeting and Dinner\***

*Hyatt McCormick Place, Jackson Park AB*

**BCVS Distinguished Achievement Award**

**Joshua Hare, Miami, FL**

- Officer Election, Newly Elected FAHAs, Award Presentations and Travel Grant Recognition

**Sun., Nov. 11 • 3:45–5:15 PM**

**Louis N. and Arnold M. Katz Basic Science Research  
Prize for Young Investigators Competition**

*McCormick Place, S402a*

**Sun., Nov. 11 • 5:30–6:30 PM**

**Melvin L. Marcus Young Investigator Award in  
Cardiovascular Science Competition**

*McCormick Place, S402a*

*\*ticketed event*



**Mon., Nov. 12 • 9:00–9:30 AM**

**George E. Brown Memorial Lecture**

**Howard A. Rockman, Durham, NC**

*McCormick Place, S102bc*

**Mon. Nov. 12 • 10:45–11:15 AM**

**Thomas W. Smith Memorial Lecture**

**Joshua M. Hare, Miami, FL**

*McCormick Place, S101b*

**Mon., Nov. 12 • 11:00 AM–1:00 PM**

**Celebrate Basic Science Reception**

*Zone 1, Science & Technology Hall*

**Mon. Nov. 12 • 2:00–2:30 PM**

**Kenneth D. Bloch Memorial Lecture**

*Jointly sponsored by the Council on Basic Cardiovascular Sciences*

*(BCVS) and the Council on Cardiopulmonary, Critical Care,*

*Perioperative and Resuscitation (3CPR)*

**Sean M. Wu, Stanford, CA**

*McCormick Place, S101a*

**For additional information please refer to the Mobile Meeting Guide App**



## **Cardiopulmonary, Critical Care, Perioperative and Resuscitation**

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**Sat., Nov. 10 • 2:00–3:15 PM**

**Cournand and Comroe Young Investigator  
Award Competition**

*McCormick Place, S106a*

**Sat., Nov. 10 • 3:15–3:30 PM**

**Max Harry Weil Award Lecture Presentation  
Rebecca Vanderpool, Tucson, AZ**

*McCormick Place, S106a*

**Sat., Nov. 10 • 3:45–4:15 PM**

**Dickinson W. Richards Memorial Lecture  
Serpil C. Erzurum, Cleveland, OH**

*McCormick Place, N230a*

**Sat., Nov. 10 • 4:45–5:00 PM**

**3CPR Best Abstract**

*McCormick Place, N230a*

**Sat., Nov. 10 • 7:00–10:00 PM**

**3CPR Annual Council Reception and Business Meeting**

*Hyatt Regency Chicago*

- Officer Election, Newly Elected FAHAs, Award Presentations and Travel Grant Recognition

*\*ticketed event*



## Cardiovascular Disease in the Young

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**Sat., Nov. 10 • Noon–2:00 PM**

### **CVDY Early Career Networking Lunch\***

Join your colleagues for lunch and opportunity to network with peers. Boxed Lunch provided!

*Marriott Marquis, Water Tower AB*

**Sat., Nov. 10 • 3:45–4:15 PM**

### **Helen B. Taussig Memorial Lecture**

**Daniel Penny, Houston, TX**

*McCormick Place, S101a*



**Sat., Nov. 10 • 4:15-5:00 PM**

**Outstanding Research Award in Pediatric Cardiology**

*McCormick Place, S101a*

**Sat., Nov. 10 • 7:00-9:30 PM**

**CVDY Annual Business Meeting and Council Dinner\***

*Marriott Marquis, Great Lakes AB*

**William J. Rashkind Memorial Lecture**

Barbara Mowry, Denver, CO

**CVDY Visiting Professor for Career Development Award**

Elizabeth D. Blume, Boston, MA

**CVDY Meritorious Achievement Award**

Craig Sable, Washington, DC

**CVDY Distinguished Achievement Award**

G. Paul Matherne, Charlottesville, VA

- Officer Election, Newly Elected FAHAs, Award Presentations and Travel Grant Recognition

**Sun., Nov. 11 • 3:45-4:45 PM**

**CVDY Early Career Investigator Award Competition**

*McCormick Place, S101b*

*\*ticketed event*



## Cardiovascular and Stroke Nursing

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**Sat., Nov. 10 • 9:55 AM–10:15 AM**

**CVSN Kathleen A. Dracup Distinguished Lecture**

**Karen Huss, Bethesda, MD**

*McCormick Place, S102a*

**Sat., Nov. 10 • 10:45–11:00 AM**

**CVSN Best Abstract Award**

*McCormick Place, S102a*

**Sat., Nov. 10 • Noon–1:45 PM**

**CVSN Pediatric Nursing Research Luncheon**

*“The Stumbling Blocks: How Do We Evaluate Developmental Care Practices in Infants with Heart Disease”*

*Marriott Marquis, Great Lakes G*

**Sat., Nov. 10 • 3:45–4:15 PM**

**CVSN Katharine A. Lembright Award and Lecture**

**Cynthia M. Dougherty, Seattle, WA**

*McCormick Place, S102a*

**Sat., Nov. 10 • 4:15–5:00 PM**

**CVSN Martha Hill Young Investigator Award Competition**

*McCormick Place, S102a*



**Sat., Nov 10 • 7:00–10:00 PM**

**CVSN Awards and Annual Business Meeting Dinner\***

*Marriott Marquis, Grand Horizon AB*

**CVSN Distinguished Achievement Award**

Susan Pressler, Indianapolis, IN

**Clinical Article of the Year Award**

Margo Minissian, Los Angeles, CA

**Excellence in Clinical Practice Award**

Andrea Driscoll, Melbourne, Australia

**Research Article of the Year Award**

Allison Webel, Cleveland, OH

**Stroke Article of the Year Award**

Barbara Lutz, Wilmington, NC

**Marie Cowan Promising Young Investigator Award**

Brittany Butts, Birmingham, AL

**Mathy Mezey Excellence in Aging Award**

Tamilyn Bakas, Cincinnati, OH

- Officer Election, Newly Elected FAHAs, Award Presentations and Travel Grant Recognition

**Sun., Nov. 11 • 8:00–5:30 PM**

**CVN Clinical Symposium**

*McCormick Place, S102D*



## Cardiovascular Radiology and Intervention

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**Sat., Nov. 10 • 10:45–11:15 AM**

### **Charles T. Dotter Memorial Lecture**

Leon Axel, New York, NY

*McCormick Place, S102bc*

**Sat., Nov. 10 • 6:30–8:30 PM**

### **CVRI Awards Reception and Annual Business Meeting\***

*Marriott Marquis, Shedd AB*

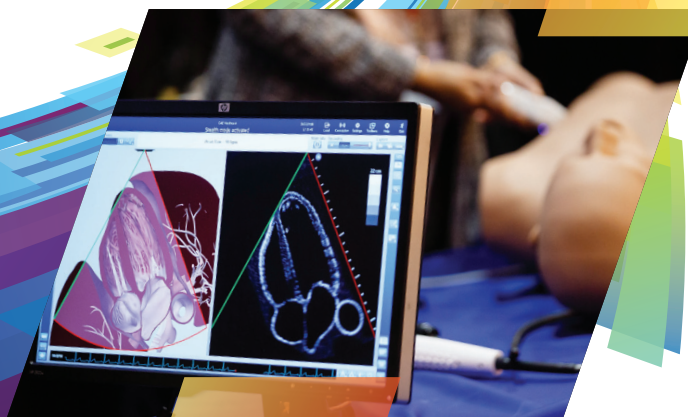
- Officer Election, Newly Elected FAHAs, Award Presentations and Travel Grant Recognition

**Sun., Nov. 11 • 3:45–5:00 PM**

### **CVRI Melvin Judkins Young Investigator Award Competition**

*McCormick Place, S102bc*

*\*ticketed event*



## Cardiovascular Surgery and Anesthesia

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**Sat., Nov. 10 • 10:45–11:15 AM**

**CVSA William W. L. Glenn Lecture**  
**James K. Kirklin, Birmingham, AL**  
*McCormick Place, S103a*

**Sat., Nov. 10 • 7:00-10:00 PM**

**CVSA Council Dinner\***  
*Marriott Marquis, Great Lakes G*

- Officer Election, Newly Elected FAHAs, Award Presentations and Travel Grant Recognition

**Sun., Nov. 11 • 3:15-4:00 PM**

**CVSA Resident Prize Competition**  
*McCormick Place, S103a*

**Sun., Nov. 11 • 4:15–5:15 PM**

**CVSA Vivien Thomas Young Investigator Award Competition**  
*McCormick Place, S103a*

*\*ticketed event*



## Clinical Cardiology

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**Sat., Nov. 10**

**State of the Art Cardiovascular Care 2018**

*McCormick Place, W190*

**Sat., Nov. 10 • 7:15 AM–6:45 PM**

**Frontiers in Science: Arrhythmia Research Summit**

*McCormick Place, 105abc*

**Sat. Nov. 10 • 10:30–11:00 AM**

**Laennec Clinician/Educator Lecture**

**Quinn Capers IV, Columbus, OH**

*McCormick Place, S105d*

**Sat., Nov. 10 • 11:00 AM –12:15 PM**

**Laennec Young Clinician Award Competition**

*McCormick Place, S105d*

**Sat., Nov. 10 • 2:00–3:15 PM**

**Samuel A. Levine Young Clinical Investigator Award Competition**

*McCormick Place, S104a*

**Sat., Nov. 10 • 7:00–10:00 PM**

**Council on Clinical Cardiology Annual Business Meeting and Dinner\***

*Marriott Marquis, Grand Horizon EF*

**James B. Herrick Award and Lecture**

Judith S. Hochman, New York City, NY

**CLCD Distinguished Achievement Award**

Richard L. Page, Madison, WI

**Laennec Master Clinician Award**

Mark Drazner, Dallas, TX

**Women in Cardiology Mentoring Award**

Stacey Rosen, New Hyde Park, NY

- Officer Election, Newly Elected FAHAs, Award Presentations and Travel Grant Recognition

*\*ticketed event*

## Epidemiology and Prevention

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**Sat., Nov. 10 • 7:00–10:00 PM**

### **Annual Reception and Dinner with Lifestyle and Cardiometabolic Health Council\***

*Marriott Marquis, Great Lakes EF*

- Newly Elected FAHAs, Award Presentations and Travel Grant Recognition

**Sun., Nov. 11 • 10:45 AM –11:15 AM**

### **Ancel Keys Memorial Lecture**

**Frank B. Hu, Boston, MA**

*McCormick Place, N230b*

**Sun., Nov. 11 • 5:30–6:45 PM**

### **Elizabeth Barrett-Connor Young Investigator Award Competition**

*McCormick Place, N229*

*\*ticketed event*



## Genomics and Precision Medicine

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**Sat., Nov. 10 • 7:00–10:00 PM**

**GPM Annual Business Meeting and Reception\***

*Marriott Marquis, Water Tower AB*

**GPM Medal of Honor**

Euan Ashley, Stanford, CA

- Newly Elected FAHAs, Award Presentations and Travel Grant Recognition

**Sun., Nov. 11 • 3:45–4:45 PM**

**Genomic and Precision Medicine Young Investigator Award Competition**

*McCormick Place, S404a*

**Mon., Nov. 12 • 9:00–Noon**

**Clinical Genomics Boot Camp**

*McCormick Place, S103a*

**Mon., Nov. 12 • 2:00–2:30 PM**

**Genomic and Precision Medicine and Epidemiology Mid-Career Research Award and Lecture**

Majken K. Jensen, Boston, MA

*McCormick Place, S103a*

*\*ticketed event*



## Hypertension and Kidney in Cardiovascular Disease

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**Sat., Nov. 10 • 7:15–8:30 AM**

**Advances in Cardio-Reno-Metabolic Syndrome: In  
Collaboration with the American Society of Nephrology  
& Cardio Renal Society of America**

*McCormick Place, S104b*

**Sat., Nov. 10 • 5:30–6:45 PM**

**Cardio-renal Syndrome: Transitions to Chronicity**

*McCormick Place, S104b*

**Sun., Nov. 11 • 9:00–10:15 AM**

**Epigenetic Mechanisms of Hypertension**

*McCormick Place, S104b*

## Lifestyle and Cardiometabolic Health

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**Sat., Nov. 10 • 7:00–10:00 PM**

**Annual Reception and Dinner with the Council on  
Epidemiology and Prevention\***

*Marriott Marquis, Great Lakes EF*

- Newly Elected FAHAs, Award Presentations and Travel Grant Recognition

**Sun., Nov. 11 • 3:45–4:15 PM**

**Robert Levy Memorial Lecture**

**Daniel J. Rader, Philadelphia, PA**

*McCormick Place, N230b*

**Sun., Nov. 11 • 4:15–5:00 PM**

**Lifestyle and Cardiometabolic Health Young Investigator  
Award Competition**

*McCormick Place, N230b*

*\*ticketed event*

## Peripheral Vascular Disease

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**Sat., Nov. 10 • 7:15 AM–3:15 PM**

### **Peripheral Vascular Disease Workshop**

An expert led update on key topics in the multidisciplinary management of common and uncommon vascular diseases for early career and practicing vascular practitioners. Interactive career guidance discussion for vascular clinicians and researchers.

*McCormick Place, S106b*

**Sat., Nov. 10 • 3:45–6:45 PM**

### **Frontiers in Science: Vascular Disease Summit**

*McCormick Place, S106b*

**Sat., Nov. 10 • 7:00–10:00 PM**

### **Annual Reception and Dinner\***

*Marriott Marquis, Grand Horizon G*

- Newly Elected FAHAs, Award Presentations and Travel Grant Recognition

**Sun., Nov. 11 • 5:30–6:30 PM**

### **Jay D. Coffman Early Career Competition**

*McCormick Place, S106a*

## Quality of Care and Outcomes Research

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**Sat., Nov. 10 • 2:00–3:15 PM**

### **Falling Out of Orbita: Lessons from a Provocative Randomized Clinical Trial**

*McCormick Place, N139*

**Sat., Nov. 10 • 6:30–8:30 PM**

### **Council on Quality of Care & Outcomes Research Reception\***

*Marriott Marquis, Great Lakes C*

**Sun., Nov. 11 • 7:15–10:15 AM**

### **The New Guidelines: Updating Your Practice Patterns, and Avoiding Potential Pitfalls**

*McCormick Place, N139*

## Stroke

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**Sun., Nov. 11 • 9:00–9:30 AM**

### **Stroke Council Award & Lecture**

**Mitchell S. Elkind, New York, NY**

*McCormick Place, N426a*

*\*ticketed event*

# **Main Events and Program Highlights**





SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION	COMMUNITIES
<b>MAIN EVENT SESSIONS AND LATE BREAKING SCIENCE</b>						
Main Event	11/10/2018	9:00 AM - 10:30 AM	CS.ME.1003	Cutting Edge in Cardiovascular Science	Main Event I	Cross Specialty
		9:00 AM - 10:15 AM	SA.ME.1343	The Future of your Aortic Valve	Main Event II (s100)	Surgery & Anesthesia
		10:45 AM - 12:00 PM	LFCVS.1000	2018 Cholesterol Clinical Practice Guidelines	Main Event I	Epidemiology, Big Data and Precision Medicine
			EA.ME.1350	Hey Doc, My Wristband Says I Have AF, What Do I Do Now?	Main Event II (s100)	Electrophysiology and Arrhythmias
	12:30 PM - 1:30 PM	ME.04	Distinguished Scientist Lecture		Cross Specialty	
Late-Breaking Science	11/10/2018	2:00 PM - 3:15 PM	LBS.01	Late Breaking Clinical Trial: Answers to Critical Questions in Cardiovascular Prevention	Main Event I	Prevention, Health and Wellness
Main Event	11/10/2018	2:00 PM - 3:15 PM	IM.ME.2010	Structural Heart Disease, 3D imaging, and Artificial Intelligence	Main Event II (s100)	Imaging and Nuclear Medicine
		3:45 PM - 5:00 PM	PR.ME.1328	You Are What You Eat: The Intestinal Microbiome and Cardiometabolic Disease		Prevention, Health and Wellness
Late-Breaking Science	11/10/2018	3:45 PM - 5:00 PM	LBS.02	Late Breaking Clinical Trial: Novel approaches to CV Prevention	Main Event I	Prevention, Health and Wellness

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION	COMMUNITIES
Main Event	11/10/2018	3:45 PM - 5:00 PM	HF.ME.1340	Shocking Controversies from the Edge! Saving the Sickest Against All Odds	N228	Heart Failure and Cardiomyopathies
Late-Breaking Science	11/10/2018	5:30 PM - 6:45 PM	LBS.03	Late Breaking Clinical Trial: Harnessing Technology and Improving Systems for Global Health	Main Event II (s100)	Quality of Care
Main Event	11/10/2018	5:30 PM - 6:45 PM	WS.ME.101	State of the Heart For Women: Top Ten Advances in Gender-Specific Medicine	N228	Women and Special Populations
Late-Breaking Science	11/11/2018	9:00 AM - 10:15 AM	LBS.04	Preserving Brain & Heart in Acute Care Cardiology	Main Event I	Interventional Treatments
Main Event	11/11/2018	9:00 AM - 10:15 AM	VA.ME.1302	Innovations in Advanced Therapy for Pulmonary Embolism: How Cardiovascular Medicine is Rewriting the Playbook	Main Event II (s100)	Vascular Disease and Thrombosis
Late-Breaking Science	11/11/2018	10:45 AM - 12:00 PM	LBS.05	Late Breaking Clinical Trial: Hot News in HF	Main Event I	Heart Failure and Cardiomyopathies
Presidential Session	11/11/2018	1:00 PM - 3:00 PM	PS.01	Presidential Session	Main Event I	Heart Failure and Cardiomyopathies
Cardiovascular Seminar	11/11/2018	3:45 PM - 5:00 PM	CS.CVS.102	Paul Dudley White Lecture & Session	N226	Heart Failure and Cardiomyopathies

Main Event	11/11/2018	3:45 PM - 5:00 PM	<b>AC.ME.2162</b>	<b>Non-ST-elevation Acute Coronary Syndromes: 2018 and Beyond</b>	Main Event I	Acute Coronary Syndromes
			<b>HY.ME.20</b>	<b>Hypertension Guidelines: Consensus or Controversy?</b>	Main Event II (s100)	Hypertension and Nephrology
Late-Breaking Science	11/11/2018	5:30 PM - 6:45 PM	<b>CM.ME.1287</b>	<b>The Metabolic Face of Heart Failure</b>	N228	Cardiometabolic Health and Diabetes
			<b>PR.ME.1505</b>	<b>Prevention Beyond the Guidelines: What to Do Next</b>		Prevention, Health and Wellness
			<b>LBS.06</b>	<b>Late Breaking Science in Coronary Revascularization</b>	Main Event II (s100)	Surgery & Anesthesia
Main Event	11/12/2018	9:00 AM - 10:15 AM	<b>PR.ME.01</b>	<b>Federal Physical Activity Guidelines Presentation &amp; Panel</b>	Main Event I	Prevention, Health and Wellness
			<b>CS.ME.01</b>	<b>Trending Topics in Clinical Science</b>	Main Event II (s100)	Cross Speciality
			<b>CS.ME.02</b>	<b>Trending Topics in Population Science</b>		
			<b>EP.ME.1523</b>	<b>Unpacking the Cardiovascular Biology of Violence</b>	Main Event I	Epidemiology, Big Data and Precision Medicine
			<b>CS.ME.03</b>	<b>Trending Topics in Basic Science</b>	N228	Cross Speciality
		5:30 PM - 6:45 PM				

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION	COMMUNITIES
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### JOURNAL TRACK SESSIONS

Cardiovascular Seminar	11/10/2018	3:45 PM - 5:00 PM	IM.CVS.100	Circulation: Cardiovascular Imaging – Editors Picks	S102bc	Imaging and Nuclear Medicine
Sunday Morning Program	11/11/2018	7:15 AM - 10:15 AM	CS.SMP.100	Groundbreaking Studies in the Practice of Cardiovascular Medicine	N226	Cross Specialty
Cardiovascular Seminar	11/11/2018	8:30 AM - 10:15 AM	AT.CVS.1335	ATVB Journal Session: From Cells to the Clinic: Progress in the Development of Novel Therapeutics for ATVB Diseases	S401abc	Arteriosclerosis, Thrombosis, Vascular Biology
	11/12/2018	9:00 AM - 12:00 PM	CS.CVS.101	The Best of Circulation Research Symposium	N226	Cross Specialty

### FEATURED SCIENCE SESSIONS

Featured Science	11/10/2018	7:15 AM - 8:30 AM	LBP.01	At the Forefront of Risk Reduction	S102d	Hypertension and Nephrology
		9:00 AM - 10:15 AM	LBP.02	New Trials in Cardiovascular Care	S104a	Electrophysiology and Arrhythmias

Featured Science	11/11/2018	7:15 AM - 8:30 AM	<b>LBP.03</b>	<b>New Insights from Recent Large Trials</b>	N230a	Interventional Treatments
		3:45 PM - 5:00 PM	<b>LBP.04</b>	<b>Lessons from Large Registries</b>		

## BENDING THE CURVE IN CVD MORTALITY COLLOQUIUM: BETHESDA + 40

Cardiovascular Seminar	11/12/2018	8:30 AM - 8:54 AM	<b>BC.CVS.100</b>	<b>Bethesda +40: Bethesda Conference 1978</b>	N227	Epidemiology, Big Data and Precision Medicine
		8:55 AM - 9:35 AM	<b>BC.CVS.101</b>	<b>Bethesda +40: Subsequent Declines in CVD Mortality 1978-2010</b>		
		9:35 AM - 10:25 AM	<b>BC.CVS.102</b>	<b>Bethesda +40: Current Stagnation in CV Mortality and Risk Factor Trends</b>		
		10:35 AM - 12:40 PM	<b>BC.CVS.103</b>	<b>Bethesda +40: The Future of the CVD Epidemic - Prevention and Research Opportunities, Untapped Potential, and Critical Questions to Address</b>		

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION	COMMUNITIES
<b>HEALTH TECH</b>						
Hall	11/10/2018	11:30 AM - 12:30 PM	HT.01	HealthTech in the Home*	Health Innovation Pavilion	Health Tech
		1:00 PM - 2:30 PM		Health Tech Competition*		
		3:00 PM - 4:00 PM	HT.02	Health Tech Inside the Health System*		
	11/11/2018	10:30 AM - 11:30 AM	HT.03	Machine Learning Demonstration Showcase: Real-world Applications of ML & Big Data*		
		2:00 PM - 3:00 PM	HT.04	Machine Learning for Dummies*		
	11/12/2018	3:30 PM - 4:30 PM	HT.05	The Future: How Will Data Science Improve Healthcare?*		
10:30 AM - 11:30 AM		HT.06	Tech-enabled Clinical Trials*			

\*Not a CME/CE accredited session.

## FRONTIERS IN SCIENCE: ARRHYTHMIA RESEARCH SUMMIT

Frontiers in Science	11/10/2018	7:15 AM - 8:30 AM	EA.FIS.01	Arrhythmia Research Summit: Translating Atrial Fibrillation	S105abc	Electrophysiology and Arrhythmias
		9:00 AM - 10:15 AM	EA.FIS.02	Arrhythmia Research Summit: Overcoming Arrhythmogenicity by Understanding Mechanisms		
		10:45 AM - 12:00 PM	EA.FIS.03	Arrhythmia Research Summit: Engineering Arrhythmia Therapies		
		2:00 PM - 3:15 PM	EA.FIS.04	Arrhythmia Research Summit: Iconic Ion Channel Disorders		
		3:45 PM - 5:00 PM	EA.FIS.05	Arrhythmia Research Summit: Revolutions in Therapy of Ventricular Tachycardia		
		5:30 PM - 6:45 PM	EA.FIS.06	Arrhythmia Research Summit: Organizing Chaos: Learning from Fibrillation		

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION	COMMUNITIES
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**FRONTIERS IN SCIENCE: VASCULAR DISEASE SUMMIT**

Frontiers in Science	11/10/2018	3:45 PM - 5:00 PM	VA.FIS.01	Next Gen Anticoagulation/Antiplatelet Therapies	S106b	Vascular Disease and Thrombosis
		5:30 PM - 6:45 PM	VA.FIS.02	Vascular Biology of Vein Graft Disease: Insights into Vascular Wall Adaptation and Novel Therapeutic Options		

**FRONTIERS IN SCIENCE: THROMBOSIS SUMMIT**

Frontiers in Science	11/12/2018	7:15 AM - 8:30 AM	AT.FIS.01	Frontiers in Thrombosis: Inflammatory Mechanisms in Thrombosis	S104a	Arteriosclerosis, Thrombosis, Vascular Biology
		9:00 AM - 10:15 AM	AT.FIS.02	Frontiers in Thrombosis: Cancer and Thrombosis		
		10:45 AM - 12:00 PM	AT.FIS.03	Frontiers in Thrombosis: Urgent Diagnosis and Management of Aggressive Thrombosis Syndromes		



## FRONTIERS IN SCIENCE: THERAPEUTIC DISCOVERY

Frontiers in Science	11/12/2018	7:15 AM - 8:30 AM	<b>DD.FIS.01</b>	<b>Stem Cells and Their Derivatives as Therapeutics</b>	S102bc	Drug Discovery
		9:00 AM - 10:15 AM	<b>DD.FIS.02</b>	<b>Therapeutic Discovery Summit: Genetics and Precision Medicine</b>		
		10:45 AM - 12:00 PM	<b>DD.FIS.03</b>	<b>Therapeutic Discovery Summit: Nucleotide-based Therapies</b>		
		2:00 PM - 3:20 PM	<b>DD.FIS.04</b>	<b>Therapeutic Discovery Summit: Innovations in Classical Drug Development</b>		
		3:45 PM - 5:00 PM	<b>DD.FIS.05</b>	<b>Therapeutic Discovery Summit: Biomaterials &amp; Engineered Tissues</b>		
		5:30 PM - 6:45 PM	<b>DD.FIS.06</b>	<b>Therapeutic Discovery Summit: Emerging Topics in Therapeutic Discovery</b>		

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION	COMMUNITIES
<b>EARLY CAREER</b>						
Early Career	11/10/2018	7:15 AM - 8:30 AM	EC.01	Big Data, Small Data: David & Goliath	N230b	Epidemiology, Big Data and Precision Medicine
		9:00 AM - 10:15 AM	EC.02	Navigating Early Career Waters: Mentors, Funding, and Life Balance?	S102a	Nursing Research and Clinical
		2:00 PM - 3:15 PM	EC.03	The Next Steps in Your Cardiology Career: An Interactive Session With Mentors	S405ab	Heart Failure and Cardiomyopathies
		5:30 PM - 6:45 PM	EC.04	CVRI Imaging Bootcamp: A Case Based Approach	S102bc	Imaging and Nuclear Medicine
	11/11/2018	7:15 AM - 8:30 AM	EC.05	WTF: Where's the Funding?	N229	Quality of Care
		10:45 AM - 12:00 PM	EC.06	The Good, the Bad, and the Ugly of Science	S402b	Cellular Biology
		2:00 PM - 4:00 PM	EC.07	Key Pearls for Success from Diverse Leaders in Cardiovascular Surgery and Anesthesia	S103a	Surgery & Anesthesia
		3:45 PM - 5:00 PM	EC.08	Early Career: Cardiac Electrophysiology: Making Decisions for a Productive and Engaging Career	S104a	Electrophysiology and Arrhythmias

Early Career	11/11/2018	3:45 PM - 5:00 PM	<b>EC.09</b>	<b>3CPR: Shark Tank Style</b>	S405ab	Pulmonary Hypertension and Critical Care
		5:30 PM - 6:45 PM	<b>EC.10</b>	<b>Tackling Big Data: Network Systems Analysis for High Throughput Data Interpretation</b>	S404a	Genetics and Genomics
		5:30 PM - 7:00 PM	<b>EC.11</b>	<b>Communication: Pearls and Perils</b>	S405ab	Congenital Heart Disease and Pediatric Cardiology
	11/12/2018	5:30 PM - 6:45 PM	<b>EC.12</b>	<b>Succeeding at Every Stage: Insights from the ATVB Early Career Committee</b>	N230a	Arteriosclerosis, Thrombosis, Vascular Biology

# **General Educational Programming** (Organized by Science)



SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
<b>ARTERIOSCLEROSIS, THROMBOSIS, VASCULAR BIOLOGY</b>					
Cardiovascular Seminar	11/11/2018	7:15 AM - 8:30 AM	AT.CVS.1315	Emerging Concepts in Cardiovascular Disease	S401d
		8:30 AM - 10:15 AM	AT.CVS.1335	ATVB Journal Session: From Cells to the Clinic: Progress in the Development of Novel Therapeutics for ATVB Diseases	S401abc
		10:45 AM - 12:00 PM	AT.CVS.1398	Metabolic and Oxidative Stress in Cardiovascular Disease	S401d
			AT.CVS.2233	Clinical Management of Familial Hypercholesterolemia	S401abc
		2:00 PM - 3:15 PM	AT.CVS.1306	Meaningful Translational Research: Mouse to Human	
			AT.CVS.1368	Lipoprotein(a): From Genes to Disease to Treatment	S401d
Abstract Oral Session		3:45 PM - 4:45 PM	AT.AOS.01	ATVB Early Career Investigator Award Competition	
Cardiovascular Seminar		3:45 PM - 5:00 PM	AT.CVS.2027	Vascular Modeling and Integrated Systems Biology Approaches	S401abc
Abstract Oral Session		5:30 PM - 6:45 PM	AT.AOS.02	Advances in Angiogenesis	S401d
Hybrid			AT.HB.01	Immune Cell Communication In Cardiovascular Disease	S401abc
Frontiers in Science	11/12/2018	7:15 AM - 8:30 AM	AT.FIS.01	Frontiers in Thrombosis: Inflammatory Mechanisms in Thrombosis	S104a



SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Cardiovascular Seminar	11/12/2018	7:15 AM - 8:45 AM	<b>AT.CVS.2047</b>	<b>Shedding Light on the Dark Genome: Noncoding RNAs in Cardiovascular Homeostasis and Disease</b>	S105abc
Abstract Oral Session		9:00 AM - 10:15 AM	<b>AT.AOS.03</b>	<b>George Lyman Duff Memorial Lecture</b>	
Frontiers in Science			<b>AT.FIS.02</b>	<b>Frontiers in Thrombosis: Cancer and Thrombosis</b>	S104a
Abstract Rapid Fire Oral		10:15 AM - 11:25 AM	<b>AT.RF01</b>	<b>MicroRNAs and Inflammation in Atherosclerosis*</b>	Zone 1, Science and Technology Hall
			<b>AT.RF02</b>	<b>Prevention and Treatment of Dyslipidemia*</b>	Zone 3, Science and Technology Hall
Abstract Poster Session		10:30 AM - 11:45 AM	<b>AT.APS.01</b>	<b>Best of Basic Science Posters*</b>	Zone 1, Science and Technology Hall
			<b>AT.APS.02</b>	<b>Atherosclerotic Lesion Development and Regulation*</b>	
			<b>AT.APS.03</b>	<b>Cardiovascular Differentiation*</b>	
			<b>AT.APS.04</b>	<b>Cardiovascular Risk Factors and Endothelial Dysfunction: New vs. Old*</b>	
			<b>AT.APS.05</b>	<b>Cellular and Molecular Aspects of Oxidation and Inflammation*</b>	
			<b>AT.APS.06</b>	<b>Exosome, Matrix and MicroRNA*</b>	

\*Not a CME/CE accredited session.

Abstract Poster Session	11/12/2018	10:30 AM - 11:45 AM	<b>AT.APS.07</b>	<b>Mechanisms of Cardiovascular Disease*</b>	Zone 1, Science and Technology Hall			
			<b>AT.APS.08</b>	<b>Metabolism and Obesity*</b>				
			<b>AT.APS.09</b>	<b>Microcirculation: Novel Regulation and Clinical Relevance*</b>				
			<b>AT.APS.10</b>	<b>New Cellular and Molecular Mechanisms of Endothelial Dysfunction*</b>				
			<b>AT.APS.11</b>	<b>Platelets, Thrombosis and Thromboembolism*</b>				
			<b>AT.APS.12</b>	<b>Regulation of Smooth Muscle Cell Differentiation*</b>				
			<b>AT.APS.13</b>	<b>Stem and Progenitor Cells*</b>				
			<b>AT.APS.14</b>	<b>Vascular Development, Differentiation, and Regeneration*</b>				
			<b>AT.APS.15</b>	<b>Inflammation and Cellular Function*</b>				
			<b>BASC.01</b>	<b>Best of AHA Specialty Conferences: ATVB/PVD 2018*</b>				
			<b>AT.AOS.04</b>	<b>Russell Ross Memorial Lecture</b>				
			<b>AT.FIS.03</b>	<b>Frontiers in Thrombosis: Urgent Diagnosis and Management of Aggressive Thrombosis Syndromes</b>				
			Best of AHA Specialty Conferences	10:45 AM - 12:00 PM		Zone 3, Science and Technology Hall		
						Best of Specialty Conferences Section, Science and Technology Hall		
			Abstract Oral Session	10:45 AM - 12:00 PM		S105abc		
S104a								
Frontiers in Science								

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Moderated Digital Posters	11/12/2018	11:30 AM - 12:40 PM	AT.MDP2	Pathogenesis of Aneurysm*	Moderated Posters 2, Science and Technology Hall
Abstract Rapid Fire Oral		1:00 PM - 2:10 PM	AT.MDP3	Endothelial Dysfunction in Diabetes, Obesity, and Radiation: Novel Mechanisms*	Moderated Posters 3, Science and Technology Hall
Abstract Poster Session		1:00 PM - 2:15 PM	AT.RF03	Revelation of Unprecedented Molecular Mechanisms of Endothelial Dysfunction*	Zone 1, Science and Technology Hall
			AT.APS.16	Endothelium, Vascular Tone and Nitric Oxide*	
			AT.APS.17	Lipids and Lipoprotein Metabolism*	
			AT.APS.18	Lipids and Lipoproteins*	
			AT.APS.19	Mechanisms of Atherosclerosis*	
			AT.APS.20	The Immune System Aggravating Cardiovascular Diseases*	
			AT.APS.21	Vascular Inflammation and Remodeling*	
Moderated Digital Posters		1:40 PM - 2:50 PM	AT.MDP4	Inflammation in Atherosclerosis*	Moderated Posters 1, Science and Technology Hall
Abstract Oral Session		2:00 PM - 3:15 PM	AT.AOS.05	Sol Sherry Distinguished Lecture in Thrombosis	S104a

\*Not a CME/CE accredited session.



Cardiovascular Seminar	11/12/2018	2:00 PM - 3:15 PM	<b>AT.CVS.1421</b>	<b>The Crossroads Between Cardiovascular Disease and Bioengineering</b>	S105abc
		3:45 PM - 5:00 PM	<b>AT.CVS.1338</b>	<b>Smooth Muscle Cell Regulation in cardiovascular Disease</b>	S104a
Abstract Oral Session		5:30 PM - 6:45 PM	<b>AT.CVS.2038</b>	<b>Lipoprotein Metabolism and Atherosclerosis Update</b>	S105abc
			<b>AT.AOS.06</b>	<b>Hemostasis and Thrombosis</b>	S104a
Early Career			<b>AT.AOS.07</b>	<b>Recent Advances in Cell Biology</b>	S105abc
			<b>EC.12</b>	<b>Succeeding at Every Stage: Insights from the ATVB Early Career Committee</b>	N230a

## CARDIAC DEVELOPMENT, STRUCTURE AND FUNCTION

Sunday Morning Program	11/11/2018	7:15 AM - 10:15 AM	<b>CA.SMP.2007</b>	<b>Can We Develop Therapies to Mimic the Benefits of Exercise?</b>	S402a
Cardiovascular Seminar		10:45 AM - 12:00 PM	<b>CA.CVS.1372</b>	<b>Mechanisms of Cardiac Repair and Regeneration</b>	
		2:00 PM - 3:15 PM	<b>CA.CVS.2050</b>	<b>Animal Models and Translational Insights</b>	
Abstract Oral Session		3:45 PM - 5:15 PM	<b>CA.AOS.01</b>	<b>Louis N. and Arnold M. Katz Basic Science Research Prize Competition</b>	
		5:30 PM - 6:30 PM	<b>CA.AOS.02</b>	<b>Melvin L. Marcus Young Investigator Award Competition</b>	

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Oral Session	11/12/2018	7:15 AM - 8:15 AM	CA.A0S.03	Emerging Concepts in Cardioprotection	S101a
Cardiovascular Seminar		9:00 AM - 10:15 AM	CA.CVS.2029	Regulatory Mechanisms of Cardiac Growth and Remodeling	
Abstract Rapid Fire Oral		10:15 AM - 11:25 AM	CA.RF01	Cardiac Regeneration-Experimental Cell Therapy I*	Zone 4, Science and Technology Hall
Abstract Poster Session		10:30 AM - 11:45 AM	CA.APS.01	Cardiac Repair and Regeneration I*	
			CA.APS.02	Cardiac Repair and Regeneration II*	
			CA.APS.03	Heart Failure Mechanisms Session I*	
			CA.APS.04	Induced Pluripotent Stem Cell and Animal Modeling of Cardiovascular Development and Disease*	
			CA.APS.05	Protection of Ischemic Myocardium I*	
			CA.APS.09	Genetic and Epigenetic Regulation of Cardiovascular Development and Disease*	
			CA.APS.10	Diastolic and Contractile Dysfunction*	
		LBBS.APS.01	Late-Breaking Basic Science*		

\*Not a CME/CE accredited session.

Best of AHA Specialty Conferences	11/12/2018	10:30 AM - 11:45 AM	<b>BASC.02</b>	<b>Best of AHA Specialty Conferences: BCVS 2018*</b>	Best of Specialty Conferences Section, Science and Technology Hall
Abstract Rapid Fire Oral		1:00 PM - 2:10 PM	<b>CA.RF02</b>	<b>Cardiac Regeneration -Experimental Cell Therapy II*</b>	Zone 4, Science and Technology Hall
Abstract Poster Session		1:00 PM - 2:15 PM	<b>CA.APS.06</b>	<b>Cardiac Repair and Regeneration III*</b>	
			<b>CA.APS.07</b>	<b>Heart Failure Mechanisms Session II*</b>	
			<b>CA.APS.08</b>	<b>Protection of Ischemic Myocardium II*</b>	
Moderated Digital Posters		1:40 PM - 2:40 PM	<b>CA.MDP1</b>	<b>Cardiac Repair and Regeneration IV*</b>	Moderated Posters 4, Science and Technology Hall
Abstract Oral Session		2:00 PM - 3:15 PM	<b>CA.AOS.04</b>	<b>Kenneth D. Bloch Memorial Lecture</b>	S101a
			<b>LBBS.AOS.01</b>	<b>Late-Breaking Basic Science Oral Abstracts I</b>	S103bc
		3:45 PM - 5:00 PM	<b>CA.AOS.05</b>	<b>Cardiac Regeneration -Cellular Therapy Experimental I</b>	S101a
			<b>LBBS.AOS.02</b>	<b>Late-Breaking Basic Science Oral Abstracts II</b>	S103bc
		5:30 PM - 6:45 PM	<b>CA.AOS.06</b>	<b>Cardiac Regeneration -Cellular Therapy Experimental II</b>	S101a

\*Not a CME/CE accredited session.

**Basic Science**

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
<b>CELLULAR BIOLOGY</b>					
Sunday Morning Program	11/11/2018	7:15 AM - 10:15 AM	CE.SMP.2017	Emerging Concepts about RNA in the Cardiovascular System	S402b
Early Career		10:45 AM - 12:00 PM	EC.06	The Good, the Bad, and the Ugly of Science	
Cardiovascular Seminar		2:00 PM - 3:15 PM	CE.CVS.1345	Novel Mechanisms of Cardiac Lineage Commitment	S402b
Abstract Oral Session	11/12/2018	7:15 AM - 8:30 AM	CE.AOS.01	The Cutting Edge of Heart Failure and Remodeling	S103bc
Cardiovascular Seminar		9:00 AM - 10:15 AM	CE.CVS.2043	Proteostasis Meets Protein Trafficking in the Heart	S101b
Abstract Poster Session		10:30 AM - 11:45 AM	CE.CVS.2046	Role of T-cells in Myocardial Health and Disease	
			CE.APS.01	Stem Cell Biology*	Zone 1, Science and Technology Hall
			CE.APS.02	Cardiac Failure and Remodeling I*	Zone 3, Science and Technology Hall
			CE.APS.03	Cardiac Failure and Remodeling II*	
			CE.APS.04	Mitophagy/Autophagy and other Regulators of Ventricular Function*	
Abstract Oral Session		10:45 AM - 12:00 PM	CE.AOS.02	Thomas W. Smith Memorial Lecture	S101b

\*Not a CME/CE accredited session.

Cardiovascular Seminar	11/12/2018	10:45 AM - 12:00 PM	<b>CE.CVS.1308</b>	<b>Epigenetics of Cardiac Resilience to Stress</b>	S101a
Abstract Rapid Fire Oral		1:00 PM - 2:10 PM	<b>CE.RF01</b>	<b>New Stories in Hypertrophy and Remodeling*</b>	Zone 3, Science and Technology Hall
Abstract Poster Session		1:00 PM - 2:15 PM	<b>CE.APS.05</b>	<b>Apoptosis, Necrosis, and Autophagy*</b>	Zone 1, Science and Technology Hall
			<b>CE.APS.06</b>	<b>Cardiac Failure and Remodeling III*</b>	
			<b>CE.APS.07</b>	<b>Inflammation and Fibrosis*</b>	Zone 3, Science and Technology Hall
			<b>CE.APS.08</b>	<b>Modulation of Electrical Activity*</b>	
			<b>CE.APS.09</b>	<b>Novel Insights into Heart Failure*</b>	
			<b>CE.APS.10</b>	<b>Ventricular Remodeling and Cardiomyocyte Hypertrophy*</b>	
Cardiovascular Seminar		2:00 PM - 3:15 PM	<b>CE.CVS.1392</b>	<b>Extracellular Matrix: Fibroblasts and More</b>	S101b
			<b>CE.CVS.2019</b>	<b>Enhancing Reproducibility: Initiatives and Practical Tools</b>	S102a
		3:45 PM - 5:00 PM	<b>CE.CVS.1374</b>	<b>'Omics and Big Data in Cardiovascular Disease</b>	S101b
		5:30 PM - 6:45 PM	<b>CE.CVS.1300</b>	<b>Cardiac Ion Channels in Disease</b>	

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
<b>CROSS SPECIALTY</b>					
Moderated Digital Posters	11/12/2018	11:30 AM - 12:40 PM	CS.MDP1	Genetic and Enzymatic Regulation of Atherosclerosis*	Moderated Posters 1, Science and Technology Hall

## DRUG DISCOVERY

Cardiovascular Seminar	11/11/2018	10:45 AM - 12:00 PM	DD.CVS.1412	Heart Failure with Preserved Ejection Fraction: From Bench to Bedside	S403a
		2:00 PM - 3:15 PM	DD.CVS.1405	Translational Studies in Cardiac Fibrosis	
		3:45 PM - 5:00 PM	DD.AOS.01	Drug Discovery-Heart Failure Oral Abstracts Session I	
Abstract Oral Session	11/12/2018	7:15 AM - 8:30 AM	DD.AOS.02	Drug Discovery-Heart Failure Oral Abstracts Session II	S102d
		9:00 AM - 10:15 AM	DD.FIS.01	Stem Cells and Their Derivatives as Therapeutics	S102bc
Frontiers in Science	11/12/2018	9:00 AM - 10:15 AM	DD.FIS.02	Therapeutic Discovery Summit: Genetics and Precision Medicine	
		10:45 AM - 12:00 PM	DD.FIS.03	Therapeutic Discovery Summit: Nucleotide-based Therapies	

\*Not a CME/CE accredited session.

Moderated Digital Posters	11/12/2018	11:30 AM - 12:40 PM	DD.MDP1	Novel therapy for cardiac injury*	Moderated Posters 4, Science and Technology Hall
Frontiers in Science		2:00 PM - 3:20 PM	DD.FIS.04	Therapeutic Discovery Summit: Innovations in Classical Drug Development	S102bc
Cardiovascular Seminar		3:45 PM - 5:00 PM	DD.CVS.2039	Novel Small Molecule Drug Development	S102d
Frontiers in Science		5:30 PM - 6:45 PM	DD.FIS.05	Therapeutic Discovery Summit: Biomaterials & Engineered Tissues	S102bc
			DD.FIS.06	Therapeutic Discovery Summit: Emerging Topics in Therapeutic Discovery	

## GENETICS AND GENOMICS

Sunday Morning Program	11/11/2018	7:15 AM - 10:15 AM	GE.SMP.1303	Precision Medicine for Heart Failure	S404a
Cardiovascular Seminar		10:45 AM - 12:00 PM	GE.CVS.1391	State of the Art in Hypertrophic Cardiomyopathy: Beyond the Guidelines	
		2:00 PM - 3:15 PM	GE.CVS.1358	Rapid Fire Genomic and Precision Medicine	
Abstract Oral Session		3:45 PM - 4:45 PM	GE.AOS.02	Genomic and Precision Medicine Young Investigator Award Competition	

\*Not a CME/CE accredited session.

Basic Science

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Early Career	11/11/2018	5:30 PM - 6:45 PM	EC.10	Tackling Big Data: Network Systems Analysis for High Throughput Data Interpretation	S404a
Cardiovascular Seminar	11/12/2018	9:00 AM - 12:00 PM	GE.CVS.1397	Clinical Genomics Boot Camp	S103a
Abstract Poster Session		10:30 AM - 11:45 AM	GE.APS.01	Genetics for Screening, Diagnosis, and Treatment*	Zone 3, Science and Technology Hall
			GE.APS.02	Genomic Mechanisms of Disease*	
			GE.APS.03	Mechanisms of Heart Failure Progression*	
			GE.APS.04	Metabolomics and Proteomics of Drugs and Diseases*	
			GE.APS.05	New Frontiers in Population Genetics*	
		1:00 PM - 2:15 PM	GE.APS.06	Functional Genomics, Transcriptomics, Proteomics and Metabolomics of Cardiovascular Disease I*	
			GE.APS.07	Functional Genomics, Transcriptomics, Proteomics and Metabolomics of Cardiovascular Disease II*	
			GE.APS.08	Gene Expression/Molecular Biology*	
			GE.APS.09	Genetic Epidemiology, Genomics and Pharmacogenomics of Cardiovascular Disease I*	

\*Not a CME/CE accredited session.



Abstract Poster Session	11/12/2018	1:00 PM - 2:15 PM	<b>GE.APS.10</b>	<b>Genetic Epidemiology, Genomics and Pharmacogenomics of Cardiovascular Disease II*</b>	Zone 1, Science and Technology Hall
Moderated Digital Posters		1:40 PM - 2:50 PM	<b>GE.MDP1</b>	<b>Cardiac Therapy Through Translation*</b>	Moderated Posters 3, Science and Technology Hall
Abstract Oral Session		2:00 PM - 3:15 PM	<b>GE.AOS.01</b>	<b>Genomic and Precision Medicine &amp; Epidemiology Mid-Career Research Award and Lecture</b>	S103a
		3:45 PM - 5:15 PM	<b>GE.AOS.03</b>	<b>Genomic Frontiers of Vascular and Cardiomyocyte Biology</b>	

## METABOLISM AND PHYSIOLOGY

Sunday Morning Program	11/11/2018	7:15 AM - 10:15 AM	<b>MP.SMP.2031</b>	<b>Molecular and Metabolic Mechanisms Underlying Cardiomyopathy</b>	S403b
Cardiovascular Seminar		10:45 AM - 12:00 PM	<b>MP.CVS.2035</b>	<b>New Concepts About Reactive Oxygen and Nitrogen Species as Signaling Molecules in the Myocardium</b>	S405ab
Abstract Oral Session		2:00 PM - 3:15 PM	<b>MP.AOS.01</b>	<b>Metabolic Basis of Cardiac Dysfunction</b>	S403b
Cardiovascular Seminar	11/12/2018	9:00 AM - 10:15 AM	<b>MP.CVS.1324</b>	<b>Mitochondria in Cardiovascular Health and Disease I</b>	S102d
Abstract Poster Session		10:30 AM - 11:45 AM	<b>MP.APS.01</b>	<b>Cardiorenal Pathophysiology*</b>	Zone 4, Science and Technology Hall

\*Not a CME/CE accredited session.

**Basic Science**

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/12/2018	10:30 AM - 11:45 AM	MP.APS.02	Metabolic Stress, Age, and Systemic Effects on the Cardiomyocyte*	Zone 4, Science and Technology Hall
			MP.APS.03	Metabolism & Redox Mechanisms in Cardiac Pathophysiology*	
Cardiovascular Seminar		10:45 AM - 12:00 PM	MP.CVS.1348	Mitochondria in Cardiovascular Health and Disease II	S102d
Abstract Poster Session		1:00 PM - 2:15 PM	MP.APS.04	Exercise Intensity & CVD: From sedentary and Low Intensity Activities to High Intensity Interval Training*	Zone 4, Science and Technology Hall
			MP.APS.05	Metabolic & Redox Mechanisms in Cardiovascular Pathophysiology*	
			MP.APS.06	Mitochondrial Function and Disease*	
Abstract Oral Session		3:45 PM - 5:00 PM	MP.AOS.02	Metabolic & Redox Mechanisms in Cardiac Ischemia	S102a

## SIGNALING

Sunday Morning Program	11/11/2018	7:15 AM - 10:15 AM	SI.SMP.1320	Molecular and Cellular Regulation of Cardiac Inflammation	S403a
Abstract Oral Session	11/12/2018	9:00 AM - 10:15 AM	SI.AOS.01	George E. Brown Memorial Lecture	S103bc

\*Not a CME/CE accredited session.

Abstract Oral Session	11/12/2018	10:45 AM - 12:00 PM	SI.A0S.02	Cell Therapy, Thinking Beyond The Cell	S103bc
Abstract Poster Session		1:00 PM - 2:15 PM	SI.APS.01	Cell, Tissue Engineering, and Gene Based Therapies*	Zone 1, Science and Technology Hall
			SI.APS.02	Ligand-receptor signaling and impact on cardiovascular function*	Zone 3, Science and Technology Hall
			SI.APS.03	Molecular and Cellular Therapy for Heart Failure*	Zone 4, Science and Technology Hall
Abstract Oral Session		5:30 PM - 6:45 PM	SI.A0S.03	Clinical Translation of Advanced Cell Therapy	S102a

## ACUTE CORONARY SYNDROMES

Cardiovascular Seminar	11/10/2018	9:00 AM - 10:15 AM	AC.CVS.1459	Controversies in ACS	S103d
		10:45 AM - 12:00 PM	AC.CVS.2119	Got Tech? Technology in a 21st Century Cardiac Intensive Care Unit	
Abstract Poster Session		11:30 AM - 12:45 PM	AC.APS.01	Acute Coronary Events Beyond Traditional ACS*	Zone 2, Science and Technology Hall
			AC.APS.02	Clinical Outcomes in ACS and Stable Ischemic Heart Disease*	
			AC.APS.03	Clinical Outcomes Session I*	

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/10/2018	11:30 AM - 12:45 PM	AC.APS.04	Interventional Therapies in ACS and Stable Ischemic Heart Disease*	Zone 2, Science and Technology Hall
			AC.APS.05	Pathophysiologic Mechanisms in ACS and Stable Ischemic Heart Disease*	
			AC.APS.06	Risk Prediction in ACS and Stable Ischemic Heart Disease*	
Cardiovascular Seminar		2:00 PM - 3:15 PM	AC.CVS.2266	Unique Aspects of Acute Coronary Syndromes in Women	S103d
Abstract Poster Session		2:15 PM - 3:30 PM	AC.APS.07	Acute Coronary Syndromes Outcomes*	Zone 2, Science and Technology Hall
			AC.APS.08	Clinical Outcomes Session II*	
Cardiovascular Seminar		3:45 PM - 5:00 PM	AC.APS.09	Pharmacotherapy in ACS and Stable Ischemic Heart Disease*	
			AC.CVS.2105	Dilemmas in AMI Treatment and Care	
Sunday Morning Program	11/11/2018	5:30 PM - 6:45 PM	AC.CVS.2203	Myocardial Infarction: A New Classification and Different Types	S103d
			AC.SMP.2144	Management of Acute Cardiovascular Disease in Older Adults: The influence of multi-morbidity and frailty in the Coronary Care Unit	

\*Not a CME/CE accredited session.

Abstract Poster Session	11/11/2018	10:30 AM - 11:45 AM	<b>AC.APS.10</b>	<b>Biomarkers*</b>	Zone 2, Science and Technology Hall
			<b>AC.APS.11</b>	<b>The Latest in Interventional Cardiology &amp; ACS*</b>	
			<b>AC.APS.12</b>	<b>Unstable Angina, NSTEMI and STEMI: Diagnosis and Pathophysiology*</b>	
			<b>AC.APS.13</b>	<b>Unstable Angina, NSTEMI and STEMI: Prognosis and Pharmacologic Therapy*</b>	
Joint Sessions		10:45 AM - 12:00 PM	<b>AC.JS.01</b>	<b>Global Roundtable: Acute Coronary Syndromes from Across the World (AHA, National Heart Foundation Hospital and Research Institute of Bangladesh, Argentine Society of Cardiology &amp; Argentine Federation of Cardiology)</b>	S103d
		2:00 PM - 3:15 PM	<b>AC.APS.14</b>	<b>Risk Predictors in Patients with Acute Myocardial Infarction*</b>	Zone 2, Science and Technology Hall
Abstract Poster Session		3:15 PM - 4:25 PM	<b>AC.APS.15</b>	<b>Pharmacotherapies for ACS and PCI*</b>	Zone 4, Science and Technology Hall
			<b>AC.MDP1</b>	<b>Hot Topics in ACS and Interventional Cardiology*</b>	Moderated Posters 4, Science and Technology Hall
Abstract Oral Session		3:45 PM - 5:00 PM	<b>AC.AOS.01</b>	<b>Advances in the Prediction and Modification of Cardiovascular Disease Risk</b>	S103bc
			<b>AC.CVS.1435</b>	<b>Innovative Therapies for Heart Recovery: Mechanical Ventricular Unloading</b>	S103d
Cardiovascular Seminar					

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Main Event	11/11/2018	3:45 PM - 5:00 PM	AC.ME.2162	Non-ST-elevation Acute Coronary Syndromes: 2018 and Beyond	Main Event I
Cardiovascular Seminar		5:30 PM - 6:45 PM	AC.CVS.2098	Controversies in the Management of Cardiogenic Shock: A Mini-Debate Series	S103d

## CONGENITAL HEART DISEASE AND PEDIATRIC CARDIOLOGY

Cardiovascular Seminar	11/10/2018	7:15 AM - 8:30 AM	CH.CVS.1441	Challenges in Management of Heterotaxy Syndrome	S101b
			CH.CVS.2109	Enhancing Psychosocial Support of the Pediatric Cardiac Patient and Family	S101a
		9:00 AM - 10:15 AM	CH.CVS.2169	Improving Outcomes in the Pediatric Heart Failure Patient	S101b
			CH.CVS.2195	Telehealth Impact on Delivery of Pediatric Cardiovascular Care	S101a
		10:45 AM - 12:00 PM	CH.CVS.1329	Abnormal Growth in Congenital Heart Disease: Not too little, Not too much	
			CH.CVS.1364	Using Data to Drive Improvements in Congenital and Acquired Heart Disease	S101b

Joint Sessions	11/10/2018	10:45 AM - 12:00 PM	<b>CH.JS.01</b>	<b>Global Roundtable: Global Efforts to Accelerate Research in Pediatric Cardiology: AHA, Mexican Society of Cardiology &amp; Japanese Society of Pediatric Cardiology and Cardiac Surgery</b>	S102d
Abstract Poster Session		11:30 AM - 12:45 PM	<b>CH.APS.01</b>	<b>Congenital Heart Disease Outcomes*</b>	Zone 3, Science and Technology Hall
			<b>CH.APS.02</b>	<b>Pediatric Cardiac Surgery*</b>	
			<b>CH.APS.03</b>	<b>Pediatric Congenital and Acquired Heart Disease I*</b>	
			<b>CH.APS.04</b>	<b>Pediatric Congenital Heart Surgery*</b>	
			<b>CH.APS.05</b>	<b>Pediatric Heart Failure/Transplantation*</b>	
Moderated Digital Posters		12:45 PM - 1:55 PM	<b>CH.MDP1</b>	<b>Updates in Adult Congenital Heart Disease*</b>	Moderated Posters 3, Science and Technology Hall
Abstract Oral Session		2:00 PM - 3:15 PM	<b>CH.AOS.01</b>	<b>Multi-center Studies: Latest Updates in CHD</b>	S101a
			<b>CH.CVS.2064</b>	<b>Palliative Care and Advanced Care Planning in Pediatric and Adult Congenital Heart Disease</b>	S101b
Cardiovascular Seminar		2:15 PM - 3:30 PM	<b>CH.APS.06</b>	<b>Adult Congenital Heart Disease I*</b>	Zone 3, Science and Technology Hall
			<b>CH.APS.07</b>	<b>Adult Congenital Heart Disease II*</b>	
			<b>CH.APS.08</b>	<b>Adult Congenital Heart Disease III*</b>	

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/10/2018	2:15 PM - 3:30 PM	CH.APS.09	CHD Surgery and Interventions*	Zone 3, Science and Technology Hall
			CH.APS.10	Clinical Imaging Studies in Pediatric and Congenital Heart Disease*	
			CH.APS.11	Congenital Heart Surgery Outcomes*	
			CH.APS.12	From Cardiomyopathy to Heart Failure to Transplant in Children*	
			CH.APS.13	It's More Than Just Survival - Key Outcomes*	
			CH.APS.14	Latest Research in Pediatric Heart Failure and Transplant*	
			CH.APS.15	Pediatric & Congenital Basic Science*	
			CH.APS.16	Pediatric and Congenital Electrophysiology*	
			CH.APS.17	Pediatric Congenital and Acquired Heart Disease II*	
			CH.APS.18	Pediatric Congenital and Acquired Heart Disease III*	
Abstract Oral Session		3:45 PM - 5:00 PM	CH.APS.19	Pediatric Preventive and Vascular Cardiology*	S101a
			CH.AOS.02	Helen B. Taussig Memorial Lecture	

\*Not a CME/CE accredited session.



Joint Sessions	11/10/2018	3:45 PM - 5:00 PM	CH.JS.02	Key Issues in Global Advocacy for Rheumatic Heart Disease: Joint Session with AHA & the World Heart Federation	S101b
Cardiovascular Seminar		5:30 PM - 6:45 PM	CH.CVS.2118	Going off Road: Multimodality Innovations in The Cardiac Catheterization Lab	
			CH.CVS.2220	Debate: Utility of Intervention in ACHD - Is it a Long Run for a Short Slide?	S101a
	11/11/2018	7:15 AM - 8:30 AM	CH.CVS.2143	Neurocognitive Challenges of Adolescents and Emerging Adults with Congenital Heart Disease	
Sunday Morning Program		7:15 AM - 10:15 AM	CH.SMP.1363	Pediatric Device Innovation and Biomedical Engineering to Advance Patient Care in Congenital Heart Disease	S101b
Cardiovascular Seminar		9:00 AM - 10:15 AM	CH.CVS.2218	What happens when the Pediatric and Adult CV Prevention Guidelines collide?	S101a
Abstract Rapid Fire Oral		10:15 AM - 11:25 AM	CH.RFO1	Congenital Heart Surgery & Interventional Cardiology Highlights*	Zone 3, Science and Technology Hall
Cardiovascular Seminar		10:45 AM - 12:00 PM	CH.CVS.1439	Ethical Dilemmas in Pediatric Cardiac Care	S101a
Cardiovascular Seminar			CH.CVS.1444	Maternal-Fetal Interactions in CHD	S101b
Abstract Oral Session		2:00 PM - 3:15 PM	CH.AOS.03	Top Translational Science Abstracts in Pediatric Cardiology	S101a
Cardiovascular Seminar			CH.CVS.2117	Global Priorities for Pediatric Cardiovascular Disease	S101b
Abstract Oral Session		3:45 PM - 4:45 PM	CH.AOS.04	CVDY Early Career Young Investigator Competition	

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Cardiovascular Seminar	11/11/2018	3:45 PM - 5:00 PM	<b>CH.CVS.2148</b>	<b>Sexual and Reproductive Health in Patients with Complex Congenital Heart Disease</b>	S101a
		5:30 PM - 6:45 PM	<b>CH.CVS.1440</b>	<b>Controversies in Pediatric Cardiology and Cardiac Surgery</b>	S101b
Early Career		5:30 PM - 7:00 PM	<b>EC.11</b>	<b>Communication: Pearls and Perils</b>	S405ab

## CROSS SPECIALTY

Joint Sessions	11/10/2018	3:45 PM - 5:00 PM	<b>CS.JS.01</b>	<b>Dilated Cardiomyopathy (DCM) As A Dynamic Disease: Evolving Concepts and Management Strategies: Joint Session with AHA &amp; the Brazilian Society of Cardiology</b>	S105d
Abstract Poster Session	11/12/2018	1:00 PM - 2:15 PM	<b>CS.APS.02</b>	<b>Hot Topics in Clinical Cardiology I*</b>	Zone 1, Science and Technology Hall
			<b>CS.APS.03</b>	<b>Hot Topics in Clinical Cardiology II*</b>	

\*Not a CME/CE accredited session.

## ELECTROPHYSIOLOGY AND ARRHYTHMIAS

Frontiers in Science	11/10/2018	7:15 AM - 8:30 AM	EA.FIS.01	Arrhythmia Research Summit: Translating Atrial Fibrillation	S105abc
Cardiovascular Seminar		7:15 AM - 8:45 AM	EA.CVS.2056	AF & HFtEF: The Great Debates	S104a
Frontiers in Science		9:00 AM - 10:15 AM	EA.CVS.2150	How to Manage Vasovagal Syncope and Other Cardiovascular Autonomic Disorders	S105abc
Joint Sessions			EA.FIS.02	Arrhythmia Research Summit: Overcoming Arrhythmogenicity by Understanding Mechanisms	S102d
Frontiers in Science		10:45 AM - 12:00 PM	EA.JS.01	AF 2018: Pushing the Excellence Envelope: Joint Session with AHA & Heart Rhythm Society (HRS)	S105abc
Main Event			EA.FIS.03	Arrhythmia Research Summit: Engineering Arrhythmia Therapies	Main Event II (s100)
Abstract Poster Session		11:30 AM - 12:45 PM	EA.ME.1350	Hey Doc, My Wristband Says I Have AF, What Do I Do Now?	Zone 3, Science and Technology Hall
Hall			EA.APS.01	Arrhythmias in Experimental Models I*	Booth 226, Science and Technology Hall
Abstract Oral Session		2:00 PM - 3:15 PM	EA.AOS.01	Samuel A. Levine Young Clinical Investigator Award Competition	S104a

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Frontiers in Science	11/10/2018	2:00 PM - 3:15 PM	EA.FIS.04	Arrhythmia Research Summit: Iconic Ion Channel Disorders	S105abc
Abstract Poster Session		2:15 PM - 3:30 PM	EA.APS.03	Myocyte Contractility*	Zone 3, Science and Technology Hall
Cardiovascular Seminar		3:45 PM - 5:00 PM	EA.CVS.2114	Flipped Classroom: Reviewing (and arguing about) Interesting ECGs	S104a
Frontiers in Science			EA.FIS.05	Arrhythmia Research Summit: Revolutions in Therapy of Ventricular Tachycardia	S105abc
Abstract Oral Session		5:30 PM - 6:45 PM	EA.AOS.02	Improving Outcomes Through Better Understanding of Environmental, Clinical, and Genetic Risk	S104a
Frontiers in Science		11/11/2018	7:15 AM - 8:30 AM	EA.FIS.06	Arrhythmia Research Summit: Organizing Chaos: Learning from Fibrillation
Abstract Oral Session	EA.AOS.03			Novel Ways to Look at Risks of Atrial Fibrillation	S104a
Cardiovascular Seminar	9:00 AM - 10:15 AM		EA.CVS.2161	New Technology and Approaches to Arrhythmias: Devices	S105abc
			EA.CVS.1537	New Technology and Approaches to Arrhythmias: Ablation	
			EA.CVS.2166	Inherited Arrhythmia Challenges: An Updated Case-based Approach	S104a

\*Not a CME/CE accredited session.

Joint Sessions	11/11/2018	9:00 AM - 10:15 AM	EA.JS.02	<b>Global Roundtable: Preventing Atrial Fibrillation and Poor Outcomes: What Worldwide Data Teaches: AHA, Cardiac Society of Australia and New Zealand, Romanian Society of Cardiology &amp; Iranian Heart Association</b>	S106a
Abstract Poster Session		10:30 AM - 11:45 AM	EA.APS.04	<b>Ablating Atrial Fibrillation*</b>	Zone 3, Science and Technology Hall
			EA.APS.05	<b>Arrhythmia Detection, Diagnosis and Associations*</b>	
			EA.APS.06	<b>Arrhythmia: Clinical Electrophysiology, Diagnosis and Risk Stratification I*</b>	
			EA.APS.07	<b>Arrhythmia: Clinical Electrophysiology, Diagnosis and Risk Stratification II*</b>	
			EA.APS.08	<b>Arrhythmia: Clinical Electrophysiology, Diagnosis and Risk Stratification III*</b>	
			EA.APS.09	<b>Arrhythmias in Experimental Models Session II*</b>	
			EA.APS.10	<b>Atrial Fibrillation, Stroke, and Bleeding*</b>	
			EA.APS.11	<b>Atrial Fibrillation- Clinical and Biologic Risk Factors for Stroke, Heart Failure and Poor Outcomes*</b>	
			EA.APS.12	<b>Ion Channel and Protein Regulation of Cardiac Function*</b>	
			EA.APS.13	<b>Not Your Grandpa's Pacemaker*</b>	

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/11/2018	10:30 AM - 11:45 AM	EA.APS.14	Pulmonary Vein Isolation and Atrial Fibrillation Ablation*	Zone 3, Science and Technology Hall
			EA.APS.15	Rhythm is Relevant: Screening Tools for Arrhythmias*	
			EA.APS.16	The Complexity of CIED Systems, Leadless, and Extraction*	
			EA.APS.17	Treatment of Arrhythmias: Ablation I*	
			EA.APS.18	Treatment of Arrhythmias: Ablation II*	
			EA.APS.19	Treatment of Arrhythmias: Ablation III*	
			EA.APS.20	Treatment of Arrhythmias: ICD/Pacemaker: excluding CRT*	
			EA.APS.21	Treatment of Arrhythmias: Pharmacologic I*	
			EA.APS.22	Treatment of Arrhythmias: Pharmacologic II*	
			Cardiovascular Seminar		
EA.CVS.2160	New Guidelines in Arrhythmia Management: How Should These Change Patient Care?	S104a			
Joint Sessions			EA.JS.03	Recent Progress of Anticoagulation Therapy in Cardiovascular Disease: Joint Session with AHA & The Japanese Circulation Society	N228

\*Not a CME/CE accredited session.

Moderated Digital Posters	11/11/2018	11:45 AM - 12:55 PM	<b>EA.MDP1</b>	<b>Atrial Fibrillation- Associated Clinical and Risk Factor Findings*</b>	Moderated Posters 3, Science and Technology Hall
Hall		12:15 PM - 1:15 PM	<b>EP.Hall.02</b>	<b>EP Central*</b>	Booth 226, Science and Technology Hall
Abstract Poster Session		2:00 PM - 3:15 PM	<b>EA.APS.23</b>	<b>Ablation of Ventricular Tachycardia*</b>	Zone 3, Science and Technology Hall
			<b>EA.APS.24</b>	<b>Antiarrhythmic Drug Therapy*</b>	
			<b>EA.APS.25</b>	<b>Arrhythmia: Clinical Electrophysiology, Diagnosis and Risk Stratification IV*</b>	
			<b>EA.APS.26</b>	<b>Arrhythmia: Clinical Electrophysiology, Diagnosis and Risk Stratification V*</b>	
			<b>EA.APS.27</b>	<b>Arrhythmias in Experimental Models Session III*</b>	
			<b>EA.APS.28</b>	<b>Cardiac Arrhythmias- Epidemiology and Associations*</b>	
			<b>EA.APS.29</b>	<b>Improving Ablation of Cardiac Arrhythmias*</b>	
			<b>EA.APS.30</b>	<b>Making Ablation Safer*</b>	
			<b>EA.APS.31</b>	<b>Management Issues In ICDs*</b>	
			<b>EA.APS.32</b>	<b>New Techniques and Technology for Ablation*</b>	

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Cardiovascular Seminar	11/11/2018	2:00 PM - 3:15 PM	EA.CVS.1321	The 2018 ACC/AHA/HRS Guideline on the Evaluation and Management of Patients With Bradycardia and Cardiac Conduction Delay: What Do You Need To Know?	S105abc
Abstract Rapid Fire Oral		2:15 PM - 3:25 PM	EA.CVS.2122	His Bundle Pacing: In Sync Again	S104a
Moderated Digital Posters		3:15 PM - 4:25 PM	EA.RF01	Ventricular Arrhythmias- Clinical Practice and Risk Assessment*	Zone 3, Science and Technology Hall
Cardiovascular Seminar		3:45 PM - 5:00 PM	EA.MDP2	Ablation of Atrial Fibrillation - Who Benefits?*	Moderated Posters 3, Science and Technology Hall
Early Career			EA.CVS.2213	Challenges in Anticoagulation and Stroke Prevention for AF	S105abc
Cardiovascular Seminar		5:30 PM - 6:45 PM	EC.08	Early Career: Cardiac Electrophysiology: Making Decisions for a Productive and Engaging Career	S104a
			EA.CVS.2101	Device Therapy and Arrhythmia Management in LVAD and Heart Transplant Recipients	
			EA.CVS.2124	How to Handle Device: Related Complications	S105abc

\*Not a CME/CE accredited session.



## HEART FAILURE AND CARDIOMYOPATHIES

Abstract Oral Session	11/10/2018	7:15 AM - 8:30 AM	HF.AOS.01	Advancing the care of Stage D Heart Failure: LVAD/Transplant	S105d	
Cardiovascular Seminar		9:00 AM - 10:15 AM	HF.CVS.1491	Heart Failure with Preserved Ejection Fraction in 2018: Where are the Gaps and Where are we going?		
Joint Sessions			HF.JS.01	Heart Failure Controversies: Perspectives from China: Joint Session with AHA & Great Wall Congress of Cardiology	N231	
Abstract Oral Session		10:30 AM - 12:15 PM	HF.AOS.02	Laennec Clinician-Educator Award & Lecture/ Laennec Young Clinician Award Competition	S105d	
Abstract Rapid Fire Oral		11:15 AM - 12:25 PM	HF.RF01	Advanced Therapies for Advanced Heart Failure: LVAD/Transplant*	Zone 2, Science and Technology Hall	
Abstract Poster Session		11:30 AM - 12:45 PM	HF.APS.01	Acute Decompensated Heart Failure*		
			HF.APS.02	Acute Heart Failure*		
			HF.APS.03	HCM*		
			HF.APS.04	Heart Failure with Preserved Ejection Fraction*		
			HF.APS.05	Interface of EP and Therapies for Heart Failure*		
			HF.APS.06	Less Common Cardiomyopathies: A poster update*		
			HF.APS.07	Mechanical Circulatory Support and Transplant*		

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/10/2018	11:30 AM - 12:45 PM	HF.APS.08	<b>Myocardial (including Hypertrophy)/Pericardial Disease*</b>	Zone 2, Science and Technology Hall
			HF.APS.09	<b>Myocardial Diseases Including Hypertrophic and Pericardial Disease*</b>	
			HF.APS.10	<b>New Insights into HF Therapies*</b>	
			HF.APS.11	<b>Valvular Heart Disease*</b>	
Moderated Digital Posters		12:45 PM - 1:55 PM	HF.APS.12	<b>Molecular Basis of Hypertrophy*</b>	Zone 4, Science and Technology Hall
			HF.MDP1	<b>Less Common Cardiomyopathies*</b>	Moderated Posters 2, Science and Technology Hall
Abstract Rapid Fire Oral		2:00 PM - 3:10 PM	HF.RF02	<b>Left Ventricular Remodeling and Ejection Fraction*</b>	Zone 2, Science and Technology Hall
Early Career		2:00 PM - 3:15 PM	EC.03	<b>The Next Steps in Your Cardiology Career: An Interactive Session With Mentors</b>	S405ab
Joint Sessions			HF.JS.02	<b>Taking A Closer Look at Heart Failure in the Middle East: Joint Session with AHA &amp; the Emirates Cardiac Society</b>	S102d
Abstract Poster Session		2:15 PM - 3:30 PM	HF.APS.13	<b>Advanced Heart Failure and Cardiac Arrest Outcomes*</b>	Zone 1, Science and Technology Hall

\*Not a CME/CE accredited session.

Abstract Poster Session	11/10/2018	2:15 PM - 3:30 PM	HF.APS.14	Heart Failure Outcomes*	Zone 1, Science and Technology Hall Zone 2, Science and Technology Hall
			HF.APS.15	Emerging Heart Failure Therapies*	
			HF.APS.16	Exercise, Functional Capacity, and Heart Failure*	
			HF.APS.17	Heart Failure: Pharmacologic Therapy*	
			HF.APS.18	Intersection of EP and CHF*	
			HF.APS.19	Is it all about the EF?*	
			HF.APS.20	LVH and HFpEF*	
			HF.APS.21	VAD and Transplant Poster Potpourri*	
			HF.MDP4	A Potpourri of Hypertrophic Cardiomyopathy*	
			HF.ME.1340	Shocking Controversies from the Edge! Saving the Sickest Against All Odds	
Moderated Digital Posters	11/11/2018	3:30 PM - 4:40 PM	HF.CVS.1377	#TrendingNow: Late-Breaking Science from 2018 to inform the Contemporary Treatment of Heart Failure Patients	Moderated Posters 1, Science and Technology Hall N228
			HF.CVS.2211	Turned Down for Advanced Therapies: Where Do Patients with Heart Failure Go From Here?	
Main Event		3:45 PM - 5:00 PM			
Cardiovascular Seminar	11/11/2018	5:30 PM - 6:45 PM			S105d

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Cardiovascular Seminar	11/11/2018	9:00 AM - 10:15 AM	HF.CVS.2111	Fact or Fiction: Clinical Controversies in Heart Failure	S105d
Joint Sessions			HF.JS.03	Global Roundtable: Combating the Global Epidemic of Heart Failure: AHA, Gulf Heart Association, Polish Cardiac Society, Singapore Cardiac Society, & Pan African Society of Cardiology	S106b
Abstract Rapid Fire Oral		10:15 AM - 11:25 AM	HF.RFO3	New Insights into Hypertrophic and Noncompaction Cardiomyopathy*	Zone 2, Science and Technology Hall
Abstract Poster Session		10:30 AM - 11:45 AM	HF.APS.22	Advances in the Pathophysiology of Heart Failure and Cardiomyopathy*	
			HF.APS.23	From Valves to Heart Failure to Cardiac Arrest: Something for Everyone*	
			HF.APS.24	Heart Failure, Cardiomyopathy, Transplant*	
			HF.APS.25	Prognosis in Heart Failure*	
			HF.APS.26	Valvular Heart Disease: Diagnosis, Pathophysiology and Medical Management*	
		HF.APS.27	Working to Improve the Clinical Care of Patients with Heart Failure*		

\*Not a CME/CE accredited session.

Abstract Poster Session	11/11/2018	10:30 AM - 11:45 AM	HF.APS.28	Heart Failure: Pathophysiology & Diagnosis*	Zone 4, Science and Technology Hall
			HF.APS.29	Insights into Heart Failure Physiology and Management*	
			HF.APS.30	Left Heart Disease and the Lung: Best F(r)ends*	
Cardiovascular Seminar		10:45 AM - 12:00 PM	HF.CVS.1487	Disparities in Heart Failure Care and Treatment: Are We Reaching the Most Vulnerable Patients?	S105d
			LBS.05	Late Breaking Clinical Trial: Hot News in HF	Main Event I
Moderated Digital Posters		11:45 AM - 12:55 PM	HF.MDP2	Interesting Topics in Heart Failure and Cardiomyopathy*	Moderated Posters 2, Science and Technology Hall
			HF.APS.31	Cardiomyopathy and Heart Failure*	Zone 2, Science and Technology Hall
Abstract Poster Session		2:00 PM - 3:15 PM	HF.APS.32	Clinical Outcomes in Patients with Heart Failure*	
			HF.APS.33	End-Stage Cardiomyopathy & Ventricular Assist Devices*	
			HF.APS.34	Heart Failure and Cardiomyopathies*	
			HF.APS.35	Heart Failure: Disease Management, Quality of Care, and Clinical Outcomes I*	
			HF.APS.36	Heart Failure: Disease Management, Quality of Care, and Clinical Outcomes II*	

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION				
Abstract Poster Session	11/11/2018	2:00 PM - 3:15 PM	HF.APS.37	Heart Failure: Disease Management, Quality of Care, and Clinical Outcomes III*	Zone 2, Science and Technology Hall				
			HF.APS.38	HF Pharmacotherapies*					
			HF.APS.39	HF: Disease Management & Therapeutic Considerations*					
			HF.APS.40	Insights into Heart Failure*					
			HF.APS.41	Medical Aspects End Stage Heart Failure: Transplantation and Device Therapies I*					
			HF.APS.42	Medical Aspects End Stage Heart Failure: Transplantation and Device Therapies II*					
			HF.APS.43	Pathophysiological Insights into HF & Cardiomyopathies*					
			HF.APS.44	Ventricular Function/Hemodynamics and Biomarkers I*					
			HF.APS.45	Ventricular Function/Hemodynamics and Biomarkers II*					
			HF.APS.46	Molecular Mechanisms of Cardiac Hypertrophy*					
			HF.CVS.1447	Advanced Heart Failure Decision Making: Round Table Panel Discussion for Advanced HF Patients					
			Cardiovascular Seminar						S105d

\*Not a CME/CE accredited session.

Abstract Rapid Fire Oral	11/11/2018	2:15 PM - 3:25 PM	HF.RF04	<b>New Insights into Pharmacological Therapy of CHF*</b>	Zone 2, Science and Technology Hall
Moderated Digital Posters		3:15 PM - 4:25 PM	HF.MDP3	<b>Prognosis in Heart Failure and Shock*</b>	Moderated Posters 2, Science and Technology Hall
Cardiovascular Seminar		3:45 PM - 5:00 PM	HF.CVS.1367	<b>Advances in Infiltrative Cardiomyopathies: Amyloid and Sarcoid</b>	S105d
Abstract Rapid Fire Oral	11/12/2018	10:15 AM - 11:25 AM	HF.RF05	<b>Risk Prediction and Prognosis in Heart Failure*</b>	Zone 2, Science and Technology Hall
Moderated Digital Posters		1:00 PM - 2:10 PM	HF.RF06	<b>Strategies to Improve Heart Failure Outcomes*</b>	
Cardiovascular Seminar		1:40 PM - 2:50 PM	HF.MDP5	<b>Biomarkers in Heart Failure*</b>	Moderated Posters 2, Science and Technology Hall
		2:00 PM - 3:15 PM	HF.CVS.1330	<b>Cardiotoxicity of Cancer Therapeutics: Novel Mechanisms</b>	S102d

## HYPERTENSION AND NEPHROLOGY

Cardiovascular Seminar	11/10/2018	7:15 AM - 8:30 AM	HY.CVS.2067	<b>Advances in Cardio-Reno-Metabolic Syndrome: In Collaboration with the American Society of Nephrology &amp; Cardio Renal Society of America</b>	S405ab
		9:00 AM - 10:15 AM	HY.CVS.1346	<b>What we are Eating: Not only Sodium</b>	S104b

\*Not a CME/CE accredited session.

**Clinical Science**

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Cardiovascular Seminar	11/10/2018	10:45 AM - 12:00 PM	<b>HY.CVS.2133</b>	<b>Interventional Treatments for Hypertension</b>	S104b
Abstract Rapid Fire Oral		11:15 AM - 12:25 PM	<b>HY.RFO1</b>	<b>Hypertension and Nephrology*</b>	Zone 4, Science and Technology Hall
Abstract Poster Session		11:30 AM - 12:45 PM	<b>HY.APS.01</b>	<b>Hypertension: Clinical I*</b>	Zone 2, Science and Technology Hall
			<b>HY.APS.02</b>	<b>Hypertension and Heart Disease*</b>	Zone 4, Science and Technology Hall
			<b>HY.APS.03</b>	<b>Mechanisms of Sympatho-Excitation in Cardiovascular Disease*</b>	
				<b>HY.APS.04</b>	<b>The Importance of Mediators and Blood Pressure Control in Outcomes*</b>
Cardiovascular Seminar		2:00 PM - 3:15 PM	<b>HY.CVS.1318</b>	<b>Management of Hypertension in Special Populations</b>	S104b
Abstract Poster Session		2:15 PM - 3:30 PM	<b>HY.APS.05</b>	<b>Hypertension: Clinical II*</b>	Zone 2, Science and Technology Hall
			<b>HY.APS.06</b>	<b>Finding the Right Target Blood Pressure*</b>	Zone 4, Science and Technology Hall
Best of AHA Specialty Conferences			<b>BASC.04</b>	<b>Best of AHA Specialty Conferences: Hypertension 2018*</b>	Best of Specialty Conferences Section, Science and Technology Hall

\*Not a CME/CE accredited session.



Moderated Digital Posters	11/10/2018	3:30 PM - 4:40 PM	<b>HY.MDP1</b>	<b>Recent Advances in Hypertension Research*</b>	Moderated Posters 4, Science and Technology Hall
Cardiovascular Seminar		3:45 PM - 5:00 PM	<b>HY.CVS.1347</b>	<b>Variability of Blood Pressure and Cardiovascular Disease Risk</b>	S104b
		5:30 PM - 6:45 PM	<b>HY.CVS.1457</b>	<b>Cardio-renal Syndrome: Transitions to Chronicity</b>	
Abstract Oral Session	11/11/2018	7:15 AM - 8:30 AM	<b>HY.CVS.1381</b>	<b>Air Pollution and Hypertension</b>	
		9:00 AM - 10:15 AM	<b>HY.CVS.1323</b>	<b>Epigenetic Mechanisms of Hypertension</b>	
		10:45 AM - 12:00 PM	<b>HY.CVS.2405</b>	<b>Target BP in Action: A Path to better Blood Pressure Control</b>	
Main Event		2:00 PM - 3:15 PM	<b>HY.AOS.01</b>	<b>Recent Advances in Hypertension Research</b>	
Cardiovascular Seminar		3:45 PM - 5:00 PM	<b>HY.ME.20</b>	<b>Hypertension Guidelines: Consensus or Controversy?</b>	Main Event II (s100)
		5:30 PM - 6:45 PM	<b>HY.CVS.1394</b>	<b>Resistant Hypertension</b>	S104b

## IMAGING AND NUCLEAR MEDICINE

Cardiovascular Seminar	11/10/2018	7:15 AM - 8:30 AM	<b>IM.CVS.1396</b>	<b>Aortic Imaging</b>	S102bc
		9:00 AM - 10:15 AM	<b>IM.CVS.1402</b>	<b>Imaging in Congenital Heart Disease</b>	

\*Not a CME/CE accredited session.

**Clinical Science**

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Oral Session	11/10/2018	10:45 AM - 12:00 PM	IM.A0S.01	Charles Dotter Lecture	S102bc
Abstract Poster Session		11:30 AM - 12:45 PM	IM.APS.01	Catheter-Based Coronary Imaging and Hemodynamics*	Zone 2, Science and Technology Hall
	IM.APS.02		Computed Tomography (CT): Coronary Artery*		
	IM.APS.03		Magnetic Resonance Imaging (MRI): Heart*		
	IM.APS.04		Non-Coronary Vascular Imaging (CT/MRI/Other)*		
	IM.APS.05		Advances in Cardiovascular Magnetic Resonance Imaging*		
	IM.APS.06		Calcium Assessment and Plaque Characterization by Computed Tomography (CT)*		
	IM.APS.07		Echocardiography: Evaluation of Systolic and Diastolic Function*		
	IM.APS.08		Imaging Considerations in Coronary and Cardiac Interventional Procedures*		
	IM.APS.09		Imaging of Aortic Valve Disease and Transcatheter Aortic Valve Replacement*		
					Zone 4, Science and Technology Hall

\*Not a CME/CE accredited session.

Abstract Poster Session	11/10/2018	11:30 AM - 12:45 PM	<b>IM.APS.10</b> <b>IM.APS.11</b>	<b>Systolic and Diastolic Function by Echocardiography*</b> <b>Technical Advances in Echocardiography*</b>	Zone 4, Science and Technology Hall
Hall		12:15 PM - 1:10 PM	<b>IM.Hall.01</b>	<b>Mea Culpa in the Interventional Suite*</b>	Booth 438, Science and Technology Hall
Moderated Digital Posters		12:45 PM - 1:55 PM	<b>IM.MDP1</b>	<b>Imaging in Heart Failure: Echocardiography, MRI, and CT*</b>	Moderated Posters 4, Science and Technology Hall
Abstract Rapid Fire Oral		2:00 PM - 3:10 PM	<b>IM.RF01</b>	<b>Imaging of Coronary Blood Flow and Flow Reserve*</b>	Zone 4, Science and Technology Hall
Main Event		2:00 PM - 3:15 PM	<b>IM.ME.2010</b>	<b>Structural Heart Disease, 3D imaging, and Artificial Intelligence</b>	Main Event II (s100)
Abstract Poster Session		2:15 PM - 3:30 PM	<b>IM.APS.12</b>	<b>Imaging of Nonischemic Cardiomyopathies*</b>	Zone 2, Science and Technology Hall
			<b>IM.APS.13</b>	<b>Catheterization-based Considerations in Plaque Imaging*</b>	Zone 4, Science and Technology Hall
			<b>IM.APS.14</b>	<b>Echocardiography: Emerging/New technologies including 3-D Echo, Myocardial Strain/Imaging, Contrast and Multimodality/Fusion Imaging I*</b>	
			<b>IM.APS.15</b>	<b>Echocardiography: Emerging/New technologies including 3-D Echo, Myocardial Strain/Imaging, Contrast and Multimodality/Fusion Imaging II*</b>	
			<b>IM.APS.16</b>	<b>Echocardiography: General Topics*</b>	

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/10/2018	2:15 PM - 3:30 PM	IM.APS.17	Heart Failure and Left and Right Ventricular Function: Assessment by Echocardiography*	Zone 4, Science and Technology Hall
			IM.APS.18	Imaging Considerations in Arrhythmias and Electrophysiology*	
			IM.APS.19	Imaging in Congenital Heart Disease and Pediatric Cardiology*	
			IM.APS.20	Imaging of Myocardial Structure and Function*	
			IM.APS.21	Imaging of Plaque & Atherosclerosis*	
			IM.APS.22	Imaging: General Topics in Echocardiography, CT, and Nuclear Cardiology*	
			IM.APS.23	Myocardial Ischemia and Infarction by Nuclear Medicine*	
			IM.APS.24	Nuclear Cardiology: Isotope Imaging and PET*	
			IM.MDP2	Advancing Knowledge in Valvular Heart Disease*	
			EC.04	CVRI Imaging Bootcamp: A Case Based Approach	
Moderated Digital Posters		3:30 PM - 4:40 PM			Moderated Posters 2, Science and Technology Hall
Early Career		5:30 PM - 6:45 PM			S102bc
Joint Sessions			IM.JS.01	Global Roundtable: Comparative Effectiveness Echo-MR-Nucs 2018: AHA, European Association of Nuclear Medicine & Saudi Society of Echocardiography	S102d

\*Not a CME/CE accredited session.

Cardiovascular Seminar	11/11/2018	7:15 AM - 8:30 AM	<b>IM.CVS.1375</b>	<b>Multimodality Imaging of Myocardial Ischemia (1)</b>	S102bc
		9:00 AM - 10:15 AM	<b>IM.CVS.1379</b>	<b>Multimodality Imaging of Myocardial Ischemia (2)</b>	
		10:45 AM - 12:00 PM	<b>IM.CVS.1380</b>	<b>Imaging of Nonischemic Heart Disease (1)</b>	
Hall		2:00 PM - 3:00 PM	<b>IM.Hall.02</b>	<b>Imaging Case Presentations*</b>	Booth 438, Science and Technology Hall
Joint Sessions		2:00 PM - 3:15 PM	<b>IM.JS.02</b>	<b>Advanced Imaging of Coronary Artery Disease: Joint Session with AHA &amp; the European Society of Cardiology (ESC)</b>	S102bc
Abstract Oral Session		3:45 PM - 5:00 PM	<b>IM.AOS.02</b>	<b>Melvin Judkins Young Investigator Competition</b>	
Cardiovascular Seminar		5:30 PM - 6:45 PM	<b>IM.CVS.1395</b>	<b>Imaging of Nonischemic Heart Disease (2)</b>	

## INTERVENTIONAL TREATMENTS

Abstract Oral Session	11/10/2018	7:15 AM - 8:30 AM	<b>IN.AOS.01</b>	<b>TAVR in 2018</b>	S103d
Cardiovascular Seminar			<b>IN.CVS.1355</b>	<b>#Radial First in ACS</b>	S103bc
		9:00 AM - 10:15 AM	<b>IN.CVS.1317</b>	<b>Interventional Strategies for ACS: A Case-based Approach</b>	
Abstract Oral Session		10:45 AM - 12:00 PM	<b>IN.AOS.02</b>	<b>Novel Approaches in Interventional Cardiology</b>	N230a

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Cardiovascular Seminar	11/10/2018	10:45 AM - 12:00 PM	IN.CVS.1313	Management of Post-PCI Patients in Tricky Situations	S103bc
Hall		11:00 AM - 12:00 PM	IN.Hall.01	The World Cup: Interventional Jeopardy at its Best*	Booth 438, Science and Technology Hall
Abstract Poster Session	11/11/2018	11:30 AM - 12:45 PM	IN.APS.01	Clinical Diagnostics and Interventions*	Zone 2, Science and Technology Hall
Cardiovascular Seminar		2:00 PM - 3:15 PM	IN.CVS.1388	AHA/SCAI Hot Topics in Structural Heart Disease: What's Happening Now? What's Next?	S103bc
		3:45 PM - 5:00 PM	IN.CVS.1410	What every Cardiologist needs to know about Vascular Disease and its Management	
Sunday Morning Program	11/11/2018	5:30 PM - 6:45 PM	IN.CVS.1331	Dilemmas and Unanswered Questions in the Management of Patients with Severe AS Referred for TAVR	
Late-Breaking Science		7:15 AM - 10:15 AM	IN.SMP.1314	Clinical Trials and Challenging Interventional Cases: The 2018 Perspective	
Abstract Rapid Fire Oral		9:00 AM - 10:15 AM	LBS.04	Preserving Brain & Heart in Acute Care Cardiology	Main Event I
Abstract Poster Session		10:15 AM - 11:25 AM	IN.RF01	Interventional Innovations from Around the Globe*	Zone 4, Science and Technology Hall
		10:30 AM - 11:45 AM	IN.APS.02	Protective Strategies during PCI*	Zone 2, Science and Technology Hall

\*Not a CME/CE accredited session.

Abstract Poster Session	11/11/2018	10:30 AM - 11:45 AM	IN.APS.03	Advances in Structural Heart Disease*	Zone 4, Science and Technology Hall
			IN.APS.04	Hot Topics in TAVR*	
Cardiovascular Seminar		10:45 AM - 12:00 PM	IN.APS.05	Risk Predictors and Complications from the Cath Lab*	S103bc
			IN.CVS.2185	Searching for the Truth: Exploring Antithrombotic Strategies for Devices and Special Procedures	
Joint Sessions			IN.JS.01	Revascularization for Ischemic Heart Disease: The Right Time, the Right Way and the Right Place: Joint Session with AHA & the American College of Cardiology (ACC)	Main Event II (s100)
			IN.Hall.02	David vs Goliath: Interventional Jeopardy for Teachers and their Pupils*	
Hall		11:00 AM - 11:45 AM	IN.APS.06	Diagnostic & Therapeutic Considerations in Transcatheter Aortic Valve Replacement*	Booth 438, Science and Technology Hall
			IN.APS.07	New Frontiers in Catheter-based Therapies*	
Abstract Poster Session		2:00 PM - 3:15 PM	IN.APS.08	Controversies around Revascularization Strategies*	Zone 2, Science and Technology Hall
			IN.APS.09	Outcomes & Disparities in Interventional Cardiology*	
			IN.APS.10	What is New in Intracoronary Imaging?*	
			IN.APS.11	Percutaneous Non-Coronary Cardiac Intervention*	

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Cardiovascular Seminar	11/11/2018	2:00 PM - 3:15 PM	IN.CVS.2093	Emotionally-rich Moments: Complications in the Cath Lab	S103bc
Hybrid			IN.HB.01	Dilemmas in Antiplatelet Therapy after PCI	N231

## NURSING RESEARCH AND CLINICAL

Cardiovascular Seminar	11/10/2018	7:15 AM - 8:30 AM	NR.CVS.2190	Sharpening The Lens On CV Symptom Management	S102a
Early Career		9:00 AM - 10:15 AM	EC.02	Navigating Early Career Waters: Mentors, Funding, and Life Balance?	
Abstract Oral Session		10:45 AM - 12:00 PM	NR.AOS.01	On the Edge: Cardiovascular Disease in Vulnerable Populations	
Abstract Poster Session		11:30 AM - 12:45 PM	NR.APS.01	Examining Cardiovascular Disease Across the Spectrum of Research and Practice*	Zone 2, Science and Technology Hall
			NR.APS.02	Global Perspective of Cardiovascular Disease*	
			NR.APS.03	Quandaries in Heart Failure Presentation, Assessment, and Measurement*	
Abstract Rapid Fire Oral		2:00 PM - 3:10 PM	NR.RFO1	Multidisciplinary Approaches in Heart Failure Research*	Zone 3, Science and Technology Hall

\*Not a CME/CE accredited session.



Cardiovascular Seminar	11/10/2018	2:00 PM - 3:15 PM	<b>NR.CVS.1499</b>	<b>Big Data: Opportunities for Nurses</b>	S102a
Moderated Digital Posters		3:30 PM - 4:40 PM	<b>NR.MDP1</b>	<b>Pregnancy and Pediatrics: Novel Approaches to Cardiovascular Care*</b>	Moderated Posters 3, Science and Technology Hall
Abstract Oral Session		3:45 PM - 5:00 PM	<b>NR.AOS.02</b>	<b>Katharine A. Lembright Award/Lecture and Martha N. Hill New Investigator Award Competition</b>	S102a
Cardiovascular Seminar		5:30 PM - 6:45 PM	<b>NR.CVS.2086</b>	<b>Engaging Patient-Caregiver Dyads in the Management of Cardiovascular Disease</b>	
Abstract Oral Session	11/11/2018	7:15 AM - 8:30 AM	<b>NR.AOS.03</b>	<b>The Complexities of Heart Failure: Obvious or Obscure?</b>	
Cardiovascular Seminar		8:00 AM - 5:30 PM	<b>NR.CVS.NS</b>	<b>Cardiovascular Nursing Clinical Symposium</b>	S102d
Sunday Morning Program		9:00 AM - 12:00 PM	<b>NR.SMP.1477</b>	<b>Nursing Science in Review</b>	S102a
Cardiovascular Seminar		10:45 AM - 12:00 PM	<b>NR.CVS.2092</b>	<b>Challenging Issues and Emerging Therapies in the Management of Sexual Dysfunction and CVD</b>	N230a
Abstract Oral Session		2:00 PM - 3:15 PM	<b>NR.AOS.04</b>	<b>Things that go Bump in the Night: Predictors &amp; interventions in Cardiac Patients</b>	S102a
Abstract Poster Session			<b>NR.APS.04</b>	<b>Close Encounters with Complicated Cardiovascular Problems*</b>	Zone 2, Science and Technology Hall
Cardiovascular Seminar		5:30 PM - 6:45 PM	<b>NR.CVS.2188</b>	<b>Innovations in Secondary Prevention: Case Studies: In Collaboration with the Preventive Cardiovascular Nurses Association</b>	S102a

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Cardiovascular Seminar	11/10/2018	7:15 AM - 8:30 AM	PH.CVS.1376	Big Questions in Gender and Ethnicity in Pulmonary Arterial Hypertension and Peripheral Vascular Disease	N230a
		9:00 AM - 10:15 AM	PH.CVS.1312	Targeting Cellular Growth in Pulmonary Hypertension	
Abstract Oral Session		2:00 PM - 3:30 PM	PH.AOS.01	Courmand and Comroe Young Investigator Award Competition	S106a
		3:45 PM - 5:00 PM	PH.AOS.02	Dickinson W. Richards Lecture	N230a
Cardiovascular Seminar	11/11/2018	5:30 PM - 6:45 PM	PH.CVS.1344	Case-Based Clinical Management of Patients with Right Heart Failure	
		7:15 AM - 8:30 AM	PH.CVS.1349	Extracellular Matrix in the Pathogenesis of Pulmonary Arterial Hypertension and Right Ventricular Failure	S106b
Abstract Poster Session		9:00 AM - 10:15 AM	PH.CVS.1297	Novel Therapies for PAH: The next generation of Clinical Trials	N230a
		10:30 AM - 11:45 AM	PH.APS.01	New Insights into Right Ventricular Failure and Endothelial Dysfunction in Pulmonary Hypertension*	Zone 4, Science and Technology Hall
			PH.APS.02	Pulmonary Hypertension and Pulmonary Vascular Cell Biology I*	
			PH.APS.03	Pulmonary Hypertension and Pulmonary Vascular Cell Biology II*	

\*Not a CME/CE accredited session.

Abstract Poster Session	11/11/2018	10:30 AM - 11:45 AM	PH.APS.04	<b>The Future of CTEPH, PE and Pulmonary Hypertension*</b>	Zone 4, Science and Technology Hall
Moderated Digital Posters		11:45 AM - 12:55 PM	PH.MDP1	<b>Precision Medicine, Deep Phenotyping and Outcomes in Pulmonary Hypertension*</b>	Moderated Posters 4, Science and Technology Hall
Abstract Oral Session		2:00 PM - 3:15 PM	PH.AOS.03	<b>Cutting Edge Mechanisms of Pulmonary Vascular Injury and PAH</b>	N230a
Abstract Poster Session			PH.APS.05	<b>Novel Mechanisms Contributing to Pulmonary Vascular Disease*</b>	Zone 4, Science and Technology Hall
			PH.APS.06	<b>Novel Metrics and Therapeutics for PAH*</b>	
			PH.APS.07	<b>Rapid Translation - Innovative Biomarkers and Mediators of PAH*</b>	
Abstract Rapid Fire Oral		2:15 PM - 3:25 PM	PH.RFO1	<b>Novel Regulators of PAH and RV Remodeling*</b>	
Early Career		3:45 PM - 5:00 PM	EC.09	<b>3CPR: Shark Tank Style</b>	S405ab
Cardiovascular Seminar		5:30 PM - 6:45 PM	PH.CVS.2051	<b>Using Left Ventricular Diagnostic and Therapeutic Strategies for the Right Ventricle: Seriously?</b>	N230a
		9:00 AM - 10:15 AM	PH.CVS.1443	<b>Mitochondria, ROS and Ion Channels in Pulmonary Circulation: What is new?</b>	
Abstract Oral Session	11/12/2018	10:45 AM - 12:00 PM	PH.AOS.04	<b>New Mechanistic Insights in Pulmonary Hypertension</b>	S103a
Cardiovascular Seminar		3:45 PM - 5:00 PM	PH.CVS.1472	<b>Functional Diversity of the Endothelium by Single Cell Transcriptomics</b>	N230a

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/10/2018	11:30 AM - 12:45 PM	ST.APS.01	Cerebrovascular Disease/Stroke*	Zone 4, Science and Technology Hall
			ST.APS.02	The Heart & Brain Relationship in Stroke*	
Best of AHA Specialty Conferences		2:15 PM - 3:30 PM	BASC.06	Best of AHA Specialty Conferences: ISC 2018*	Best of Specialty Conferences Section, Science and Technology Hall
Abstract Oral Session	11/11/2018	7:15 AM - 8:30 AM	ST.AOS.01	Stroke: Oral Abstracts	N426a
Cardiovascular Seminar		9:00 AM - 10:15 AM	ST.AOS.02	Stroke Council Award & Lecture	
	10:45 AM - 12:00 PM	ST.CVS.1337	Neurocardiology: The Brain-Heart Connection		
	2:00 PM - 3:15 PM	ST.CVS.1400	Endovascular Stroke Intervention from a Cardiology Perspective, and Expanding Indications		
	3:45 PM - 5:00 PM	ST.CVS.1361	Atrial Fibrillation, Stroke, and Intracerebral Hemorrhage: Complex Cases		
	5:30 PM - 6:45 PM	ST.CVS.2167	Nurses Improving Outcomes: Overcoming Barriers		

\*Not a CME/CE accredited session.

## SURGERY & ANESTHESIA

Cardiovascular Seminar	11/10/2018	9:00 AM - 10:15 AM	SA.CVS.1295	Latest Techniques in Cardiac Surgery: Everything is Going Minimally Invasive (Video Session)	S103a
Main Event			SA.ME.1343	The Future of your Aortic Valve	Main Event II (s100)
Abstract Oral Session		10:45 AM - 12:00 PM	SA.AOS.01	William W.L. Glenn Lecture	S103a
Abstract Poster Session		11:30 AM - 12:45 PM	SA.APS.01	Surgical Therapy for Valvular Heart Disease*	Zone 2, Science and Technology Hall
			SA.APS.02	Thoracic Aortic Disease*	
Cardiovascular Seminar		2:00 PM - 3:15 PM	SA.CVS.1296	The War Room: Best Plan of Attack for Quality Outcomes	S103a
Abstract Poster Session		2:15 PM - 3:30 PM	SA.APS.03	Myocardial Protection, Intraoperative Management, and Postoperative Critical Care*	Zone 2, Science and Technology Hall
			SA.APS.04	Surgical Treatment of Heart Failure, Transplantation, and Arrhythmias*	
			SA.APS.05	Thoracic Aortic Surgery/Disease*	
			SA.APS.06	Valvular Heart Disease*	
Abstract Oral Session		3:45 PM - 5:00 PM	SA.AOS.02	High Impact Topics in Cardiovascular Surgery	S103a
Cardiovascular Seminar		5:30 PM - 6:45 PM	SA.CVS.1299	Controversies in Peri-operative Medicine: From Pre-operative to ICU	

\*Not a CME/CE accredited session.

**Clinical Science**



SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Sunday Morning Program	11/11/2018	7:15 AM - 10:15 AM	SA.SMP.1365	Working Towards an Expert Consensus for the Management of Acute Type A Dissections: In Collaboration with the Society of Thoracic Surgeons	S103a
Abstract Rapid Fire Oral		10:15 AM - 11:25 AM	SA.RF01	Surgery and Anesthesia*	Zone 1, Science and Technology Hall
Abstract Poster Session		10:30 AM - 11:45 AM	SA.APS.07	Coronary Revascularization*	Zone 2, Science and Technology Hall
			SA.APS.08	Heart Failure*	
			SA.APS.09	Mechanisms and Outcomes*	
			SA.APS.10	Valvular Heart Disease and Endocarditis*	
Cardiovascular Seminar		10:45 AM - 12:00 PM	SA.CVS.1288	Cardiopulmonary Bypass: What We Still Need to Learn	S103a
Early Career		2:00 PM - 4:00 PM	EC.07	Key Pearls for Success from Diverse Leaders in Cardiovascular Surgery and Anesthesia	
Abstract Oral Session		3:15 PM - 4:00 PM	SA.AOS.03	CVSA Resident Prize	
		4:15 PM - 5:15 PM	SA.AOS.04	Vivien Thomas Young Investigator Competition	
Cardiovascular Seminar		5:30 PM - 6:45 PM	SA.CVS.1293	Mission Critical: Getting My Patient to an ECMO Center and Complex Case Discussion	
Late-Breaking Science			LBS.06	Late Breaking Science in Coronary Revascularization	Main Event II (s100)

\*Not a CME/CE accredited session.

## VASCULAR DISEASE AND THROMBOSIS

Cardiovascular Seminar	11/10/2018	7:15 AM - 8:30 AM	VA.CVS.1360	Starting and Maintaining a Research Career in Clinical or Population Science	S106a
		7:15 AM - 8:35 AM	VA.CVS.01	Delivering PAD Patients Optimal Care Today, Tomorrow and Beyond: Updates in your Therapeutic Armamentarium	S106b
		9:00 AM - 10:15 AM	VA.CVS.1285	Moving beyond QI Registry Data for Real Cardiovascular Care Improvement	S106a
		9:00 AM - 10:20 AM	VA.CVS.02	The Present and Future of Exercise and Interventions for PAD	S106b
Abstract Rapid Fire Oral		10:45 AM - 12:00 PM	VA.CVS.03	The Present and Future of Imaging and Treatment Approaches in PAD	
			VA.CVS.1336	Acute and Chronic DVT: Up-to-date Medical and Interventional Therapies	S106a
		11:15 AM - 12:25 PM	VA.RF01	Understanding Risk and Mechanisms of Critical Limb Ischemia: Lessons from the Long CLImb*	Zone 3, Science and Technology Hall
Abstract Poster Session		11:30 AM - 12:45 PM	VA.APS.01	Peripheral Arterial Disease: From Genes to Big Data*	
			VA.APS.02	Venous Thromboembolism Risk and Outcomes: Critical Lessons from Big Data*	
Cardiovascular Seminar		2:00 PM - 3:15 PM	VA.CVS.04	Mentoring and Leadership Perspectives on Gender and Early Career Success	S106b

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Cardiovascular Seminar	11/10/2018	3:45 PM - 5:00 PM	VA.CVS.1351	Thrombosis and Thrombophilia: An Under-Recognized Cardiovascular Concern in Women's Health	S106a
Frontiers in Science			VA.FIS.01	Next Gen Anticoagulation/Antiplatelet Therapies	S106b
Cardiovascular Seminar			VA.CVS.1325	Thrombosis Jeopardy: Clash of Champions	S106a
Frontiers in Science			VA.FIS.02	Vascular Biology of Vein Graft Disease: Insights into Vascular Wall Adaptation and Novel Therapeutic Options	S106b
Cardiovascular Seminar	11/11/2018	7:15 AM - 8:30 AM	VA.CVS.1488	TASC 18th Anniversary Session: Where the World of Lower Extremity Peripheral Artery Disease (LEPAD) Comes Together!	S106a
Main Event		9:00 AM - 10:15 AM	VA.ME.1302	Innovations in Advanced Therapy for Pulmonary Embolism: How Cardiovascular Medicine is Rewriting the Playbook	Main Event II (s100)
Abstract Poster Session		10:30 AM - 11:45 AM	VA.APS.03	Through the Looking Glass: Predicting Outcomes for Endovascular Intervention*	Zone 4, Science and Technology Hall
Cardiovascular Seminar		10:45 AM - 12:00 PM	VA.CVS.1371	Aortic Stent Grafts: The Good, The Bad, The Ugly	S106b
			VA.CVS.1422	Vasculo-Oncology Crash-Course: How to Handle Vascular Complications in Cancer Patients	S106a
Abstract Poster Session		2:00 PM - 3:15 PM	VA.APS.04	Vascular Medicine (non-coronary): Clinical Science I*	Zone 3, Science and Technology Hall
			VA.APS.05	Vascular Medicine (non-coronary): Clinical Science II*	

\*Not a CME/CE accredited session.



Cardiovascular Seminar	11/11/2018	2:00 PM - 3:15 PM	VA.CVS.1399	<b>Bridging, Bleeding, and Reversal: The Logistical Challenges of Managing Antiplatelet and Antithrombotic Therapy</b>	S106b
Abstract Oral Session			VA.CVS.1401	<b>The Company you Keep: Understanding and Managing Polyvascular Disease</b>	S106a
Cardiovascular Seminar		3:45 PM - 5:00 PM	VA.AOS.01	<b>Around the World Vascular</b>	S104b
			VA.CVS.1342	<b>The Swollen Limb: Epidemiology, Diagnosis and Treatment Options</b>	S106b
			VA.CVS.1608	<b>Deep Phenotyping of Patients with Pulmonary Hypertension</b>	S106a
Abstract Oral Session		5:30 PM - 6:30 PM	VA.AOS.02	<b>Jay D. Coffman Early Career Competition</b>	
Cardiovascular Seminar	11/12/2018	9:35 AM - 10:25 AM	BC.CVS.102	<b>Bethesda +40: Current Stagnation in CV Mortality and Risk Factor Trends</b>	N228
		10:35 AM - 12:40 PM	BC.CVS.103	<b>Bethesda +40: The Future of the CVD Epidemic - Prevention and Research Opportunities, Untapped Potential, and Critical Questions to Address</b>	

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Cardiovascular Seminar	11/10/2018	10:45 AM - 12:00 PM	CM.CVS.2236	Co-management of Patients with Diabetes and Heart Disease	N231
Abstract Poster Session		11:30 AM - 12:45 PM	CM.APS.01	Diabetes Mellitus and CVD: Prevention and Management*	Zone 1, Science and Technology Hall
			CM.APS.02	Diabetes Mellitus and CVD: Risk Factors and Prognosis*	
			CM.APS.03	Metabolomics, Genomics, and Metabolic Disease*	
			CM.APS.04	Obesity-Impact and Interventions*	
			CM.APS.05	Obesity-Phenotyping and CV Risk*	
Cardiovascular Seminar		2:15 PM - 3:30 PM	CM.APS.06	Assessing and Addressing Risk Factors I*	
			CM.APS.07	Benefits and Paradoxes in Obesity*	
			CM.APS.08	Cholesterol, New Drugs & Community Aspects of CVD*	
Cardiovascular Seminar		5:30 PM - 6:45 PM	CM.CVS.1420	Diets from Vegan to Ketogenic: What's the Best for CV Health and for Which Patient?	N230b
Sunday Morning Program	11/11/2018	7:15 AM - 10:15 AM	CM.SMP.1286	What Every Cardiologist Needs to Know About Comprehensive CV Risk Reduction in Diabetes	N231
Abstract Oral Session		10:45 AM - 12:00 PM	CM.AOS.01	New Insights from Clinical Trials in Diabetes	

\*Not a CME/CE accredited session.

Abstract Poster Session	11/11/2018	2:00 PM - 3:15 PM	<b>CM.APS.09</b>	<b>Advances In Diabetes Prediction and Treatment*</b>	Zone 1, Science and Technology Hall
Cardiovascular Seminar			<b>CM.CVS.1430</b>	<b>Obesity and HFpEF – Fat, Fitness and Frontiers for Novel Therapeutic Strategies</b>	N230b
		3:45 PM - 5:00 PM	<b>CM.CVS.1433</b>	<b>Effective Clinical Strategies to Reduce Obesity and Cardiometabolic Risk: Interactive Case Discussions</b>	N231
Main Event			<b>CM.ME.1287</b>	<b>The Metabolic Face of Heart Failure</b>	N228

## CROSS SPECIALTY

Abstract Poster Session	11/12/2018	10:30 AM - 11:45 AM	<b>CS.APS.01</b>	<b>Outcomes Potpourri*</b>	Zone 1, Science and Technology Hall
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## EPIDEMIOLOGY, BIG DATA AND PRECISION MEDICINE

Early Career	11/10/2018	7:15 AM - 8:30 AM	<b>EC.01</b>	<b>Big Data, Small Data: David &amp; Goliath</b>	N230b
Cardiovascular Seminar		9:00 AM - 10:15 AM	<b>EP.CVS.1489</b>	<b>Population Screening for Atrial Fibrillation: Opportunities and Challenges</b>	N229

\*Not a CME/CE accredited session.

**Population Science**

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Rapid Fire Oral	11/10/2018	11:15 AM - 12:25 PM	EP.RF01	Genetics, Epigenetics and CVD*	Zone 1, Science and Technology Hall
Abstract Poster Session		11:30 AM - 12:45 PM	EP.APS.01	Atrial Fibrillation*	
			EP.APS.02	Biomarkers of Cardiovascular Damage and Cardiovascular Disease Risk*	
			EP.APS.03	Environmental, Psychosocial and Socioeconomic Influences on CVD*	
			EP.APS.04	Epidemiology of Heart Failure*	
			EP.APS.05	Hypertension, Elevated Blood Pressure and Cardiovascular Disease Risk*	
			EP.APS.06	Subclinical Cardiac Phenotypes & Risk of Heart Disease*	
Best of AHA Specialty Conferences			EP.APS.07	Temporal Trends in CVD and At-Risk Populations*	
			BASC.03	Best of AHA Specialty Conferences: EPI/Lifestyle 2018*	
Moderated Digital Posters		12:45 PM - 1:55 PM	EP.MDP1	Secondary Prevention and Special Risk Population*	Best of Specialty Conferences Section, Science and Technology Hall Moderated Posters 1, Science and Technology Hall

\*Not a CME/CE accredited session.

Abstract Rapid Fire Oral	11/10/2018	2:00 PM - 3:10 PM	<b>EP.RF02</b>	<b>Fitness, Obesity and Cardiovascular Disease Risk*</b>	Zone 1, Science and Technology Hall N229
Cardiovascular Seminar		2:00 PM - 3:15 PM	<b>EP.CVS.1406</b>	<b>The Millennials Are Coming! Challenges and Opportunities for Cardiovascular Disease Prevention</b>	
Abstract Poster Session		2:15 PM - 3:30 PM	<b>EP.APS.08</b>	<b>Cardiovascular Disease Epidemiology in the Elderly*</b>	Zone 1, Science and Technology Hall
			<b>EP.APS.09</b>	<b>Epidemiology and Population Studies I*</b>	
			<b>EP.APS.10</b>	<b>Epidemiology and Population Studies II*</b>	
			<b>EP.APS.11</b>	<b>Epidemiology and Population Studies III*</b>	
			<b>EP.APS.12</b>	<b>Lipids, Lipoproteins and Risk of Coronary Artery Disease*</b>	
			<b>EP.APS.13</b>	<b>Novel Biomarkers, Risk Factors &amp; Risk Mediators for Heart Disease*</b>	
Cardiovascular Seminar		3:45 PM - 5:00 PM	<b>EP.CVS.2247</b>	<b>Implementation Science of Global High Blood Pressure Control: RESOLVE</b>	N229
Abstract Poster Session	11/11/2018	10:30 AM - 11:45 AM	<b>EP.APS.14</b>	<b>Cancer and Cardiovascular Disease*</b>	Zone 1, Science and Technology Hall
			<b>EP.APS.15</b>	<b>Cardiovascular Outcomes Research*</b>	
			<b>EP.APS.16</b>	<b>Clinical and Hospital-Based Observational Studies*</b>	
			<b>EP.APS.17</b>	<b>Epidemiology and Population Studies IV*</b>	

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/11/2018	10:30 AM - 11:45 AM	EP.APS.18	Epidemiology and Population Studies V*	Zone 1, Science and Technology Hall
			EP.APS.19	Epidemiology and Population Studies VI*	
			EP.APS.20	Preventive Interventions: Population and Clinical Trials*	
Abstract Oral Session		10:45 AM - 12:00 PM	EP.AOS.01	Ansel Keys Memorial Lecture	N230b
			EP.AOS.02	Next Generation in CVD Risk Prediction	N229
Abstract Poster Session		2:00 PM - 3:15 PM	EP.APS.21	Cancer and Cardiovascular Disease Epidemiology*	Zone 1, Science and Technology Hall
			EP.APS.22	Cardiac Risk Factors Residing In and Around the Heart: CAC, Epicardial Fat & CHD Risk*	
			EP.APS.23	Cardiovascular Disease, Cognitive Function, and Brain Health*	
			EP.APS.24	Diet, Physical Activity and Other Lifestyle Factors Associated with CVD*	
			EP.APS.25	Epidemiology of Cardiac Arrest and Resuscitation*	
			EP.APS.26	Epidemiology of Endocarditis and Myocarditis Related Disorders*	
			EP.APS.27	Epidemiology of Health Care Utilization & Outcomes in Cardiovascular Disease*	

\*Not a CME/CE accredited session.

Abstract Poster Session	11/11/2018	2:00 PM - 3:15 PM	EP.APS.28	Epidemiology of Peripheral Vascular Diseases*	Zone 1, Science and Technology Hall
			EP.APS.29	M-Health & Big Data approaches to CV health improvement*	
			EP.APS.30	Sex Disparities in Cardiovascular Disease Epidemiology*	
Joint Sessions			EP.JS.01	Latin America at High Cardiovascular Risk: Quo Vadis in the Management of Cardiovascular Risk Control: Joint Session with AHA & the Interamerican Society of Cardiology	N229
			EP.CVS.1423	Next Generation Phenotyping for Cardiovascular and Stroke Research	
Cardiovascular Seminar		3:45 PM - 5:00 PM	EP.AOS.03	Elizabeth Barrett-Connor Research Award for Young Investigators in Training Competition	
Abstract Oral Session		5:30 PM - 6:45 PM	EP.ME.1523	Unpacking the Cardiovascular Biology of Violence	Main Event I
Main Event	11/12/2018	10:45 AM - 12:00 PM	GE.AOS.01	Genomic and Precision Medicine & Epidemiology Mid-Career Research Award and Lecture	S103a
Abstract Oral Session		2:00 PM - 3:15 PM			

## HEALTH TECH

Hall	11/10/2018	11:30 AM - 12:30 PM	HT.01	HealthTech in the Home*	Health Innovation Pavilion
			HT.APS.01	Emerging Technologies I*	Zone 1, Science and Technology Hall
Abstract Poster Session		2:15 PM - 3:30 PM			

\*Not a CME/CE accredited session.

Population Science

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/10/2018	2:15 PM - 3:30 PM	HT.APS.02	Emerging Technologies II*	Zone 1, Science and Technology Hall
			HT.APS.03	QCOR Emerging Technologies*	
Hall	11/11/2018	10:30 AM - 11:30 AM	HT.02	Health Tech Inside the Health System*	Health Innovation Pavilion
			HT.03	Machine Learning Demonstration Showcase: Real-world Applications of ML & Big Data*	
			HT.04	Machine Learning for Dummies*	
			HT.05	The Future: How Will Data Science Improve Healthcare?*	
			HT.06	Tech-enabled Clinical Trials*	
				11/12/2018	

**INTERVENTIONAL TREATMENTS**

Joint Sessions	11/11/2018	2:00 PM - 3:15 PM	IN.JS.02	Global Roundtable: Advances in Interventional Therapies for AS and Complex Coronary Artery Disease: AHA, Israel Heart Society, Heart and Health Foundation of Turkey, & French Society of Cardiology	S103d
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\*Not a CME/CE accredited session.



## LIFESTYLE & BEHAVIORAL MEDICINE

Abstract Oral Session	11/10/2018	9:00 AM - 10:15 AM	LF.AOS.01	Hot Topics in Weight Loss and Nutrition	N230b
Cardiovascular Seminar		10:45 AM - 12:00 PM	LF.CVS.2261	Reducing Cardiometabolic Risk by Improving Sleep	N226
Abstract Poster Session		11:30 AM - 12:45 PM	LF.APS.01	Cardiac Rehabilitation, Fitness, Physical Activity*	Zone 1, Science and Technology Hall
Cardiovascular Seminar		2:00 PM - 3:15 PM	LF.CVS.1455	Rx for Behavior Change: Engaging Patients to Meet Guidelines	N230b
Abstract Poster Session		2:15 PM - 3:30 PM	LF.APS.02	Heart-Healthy Diets: From Patterns to Specific Nutrients*	Zone 1, Science and Technology Hall
Cardiovascular Seminar	11/11/2018	9:00 AM - 10:15 AM	LF.CVS.2254	Prevention of Heart Failure- Moving From Theory to Practice	N230b
Abstract Poster Session		10:30 AM - 11:45 AM	LF.APS.03	Clinical Risk Factors and Biomarkers in Risk Prediction I*	Zone 1, Science and Technology Hall
			LF.APS.04	Clinical Risk Factors and Biomarkers in Risk Prediction II*	
			LF.APS.05	Exercise, Physical Activity and Rehabilitation*	
			LF.APS.06	High Impact Topics in Fitness and Sports Cardiology*	
			LF.APS.07	Lipid and Lipoprotein Metabolism: Clinical*	
			LF.APS.08	Risk Factors- Cigarette Smoking, Inflammation, and Others*	

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Cardiovascular Seminar	11/11/2018	10:45 AM - 12:00 PM	LF.CVS.2224	A Deep Dive in Familial Hypercholesterolemia: What You Already Know and What You Still Need to Know	S403b
Abstract Poster Session		2:00 PM - 3:15 PM	LF.APS.09	Role of Physical Activity in Non-atherosclerotic Cardiovascular Disease Prevention*	Zone 1, Science and Technology Hall
Cardiovascular Seminar			LF.CVS.2235	Developing Competency-Based Medical Nutrition Education and Training to Advance ASCVD Prevention by Physicians-- Leveraging 21st Century Curricula Reforms, Population Health Goals, and NHLBI Roles/Partnerships	N226
Abstract Oral Session		3:45 PM - 5:00 PM	LF.AOS.02	Robert Levy Memorial Lecture/Lifestyle Young Investigator Award Competition	N230b

## PREVENTION, HEALTH AND WELLNESS

Joint Sessions	11/10/2018	9:00 AM - 10:15 AM	PR.JS.01	Cardiovascular Disease Prevention: Clinical Advice from Population Studies: Joint Session with AHA & the European Society of Cardiology (ESC)	N226
Cardiovascular Seminar		2:00 PM - 3:15 PM	PR.CVS.1333	Interactive Cases on Changing the Paradigm of CV Prevention: Using Lipid Targets, the New Hypertension Guidelines, Novel Glucose-Lowering Therapies, and Coronary Calcium	

\*Not a CME/CE accredited session.

Late-Breaking Science	11/10/2018	2:00 PM - 3:15 PM	LBS.01	Late Breaking Clinical Trial: Answers to Critical Questions in Cardiovascular Prevention	Main Event I
Cardiovascular Seminar		3:45 PM - 5:00 PM	PR.CVS.1307	Using Apps and Consumer Wearables in Clinic for Lifestyle Cardiometabolic Health	N226
Late-Breaking Science			LBS.02	Late Breaking Clinical Trial: Novel approaches to CV Prevention	Main Event I
Main Event			PR.ME.1328	You Are What You Eat: The Intestinal Microbiome and Cardiometabolic Disease	Main Event II (s100)
Joint Sessions		5:30 PM - 6:45 PM	PR.JS.02	Global Roundtable: Are the Millennials (ages 15-35 years) Cardiovascular Disease Time Bombs?: AHA, Italian Association of Hospital Cardiologists, Chilean Society of Cardiology & The Danish Society of Cardiology	N226
Sunday Morning Program	11/11/2018	7:15 AM - 10:15 AM	PR.SMP.1445	Clinical Lipidology Update	N228
Abstract Poster Session		10:30 AM - 11:45 AM	PR.APS.01	Cardiovascular Disease Prevention*	Zone 1, Science and Technology Hall
Cardiovascular Seminar		10:45 AM - 12:00 PM	PR.CVS.1492	Controversies in Exercise Training	N226
Abstract Poster Session		2:00 PM - 3:15 PM	PR.APS.02	Assessing and Addressing Risk Factors II*	Zone 1, Science and Technology Hall
Main Event		5:30 PM - 6:45 PM	PR.ME.1505	Prevention Beyond the Guidelines: What to Do Next	N228
Joint Sessions			PR.JS.03	The European Heart Journal's Year in Cardiology at AHA 2018	N226

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
<b>QUALITY OF CARE</b>					
Cardiovascular Seminar	11/10/2018	9:00 AM - 10:15 AM	QU.CVS.1382	EHR 3.0: The Future of Electronic Health Records	N139
Best of AHA Specialty Conferences		10:45 AM - 12:00 PM	QU.CVS.1428	#SoMe #AHA - Leveraging Social Media in Cardiovascular Medicine	Best of Specialty Conferences Section, Science and Technology Hall
Cardiovascular Seminar		11:30 AM - 12:45 PM	BASC.05	Best of AHA Specialty Conferences: QCOR 2018*	N139
Abstract Poster Session		2:00 PM - 3:15 PM	QU.CVS.1390	Falling Out of Orbita: Lessons from a Provocative Randomized Clinical Trial	Zone 1, Science and Technology Hall
Cardiovascular Seminar		2:15 PM - 3:30 PM	QU.APS.01	Ischemic Heart Disease Outcomes*	N139
Late-Breaking Science		3:45 PM - 5:00 PM	QU.CVS.1404	U.S. Health Policy at the Crossroads: What Cardiovascular Clinicians Need to Know	
		5:30 PM - 6:45 PM	QU.CVS.1383	Zip Codes are More Important than Genetic Codes: Social and Environmental Determinants of CVD Risk	Main Event II (s100)
			LBS.03	Late Breaking Clinical Trial: Harnessing Technology and Improving Systems for Global Health	

\*Not a CME/CE accredited session.

Early Career	11/11/2018	7:15 AM - 8:30 AM	EC.05	WTF: Where's the funding?	N229
Sunday Morning Program		7:15 AM - 10:15 AM	QU.SMP.1385	The New Guidelines: Updating Your Practice Patterns, and Avoiding Potential Pitfalls	N139
Abstract Poster Session		10:30 AM - 11:45 AM	QU.APS.03	Acute and Chronic Coronary Artery Disease: Quality Care and Outcomes*	Zone 1, Science and Technology Hall
			QU.APS.04	Quality of Care in Cardiovascular Disease*	
			QU.APS.05	Quality of Care, Outcomes Research and Health Policy I*	
			QU.APS.06	Quality of Care, Outcomes Research and Health Policy II*	
Cardiovascular Seminar		10:45 AM - 12:00 PM	QU.CVS.1426	Debates in Cardiovascular Care: Making Arguments Great Again (#MAGA)	N139
Abstract Rapid Fire Oral		2:15 PM - 3:25 PM	QU.RF01	ACS Top QCOR Abstracts: Rapid Fire*	Zone 1, Science and Technology Hall
Moderated Digital Posters		3:15 PM - 4:25 PM	QU.MDP1	Best of QCOR Abstracts: Moderated Digital Posters*	Moderated Posters 1, Science and Technology Hall
Cardiovascular Seminar		3:45 PM - 5:00 PM	QU.CVS.1389	Adopting New Pharmacotherapies: When It Goes Well, When it Doesn't and Why?	N139
Abstract Oral Session		5:30 PM - 6:45 PM	QU.AOS.01	Value Procedural Outcomes: Top QCOR Abstracts with Expert Commentary	

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
<b>WOMEN AND SPECIAL POPULATIONS</b>					
Abstract Poster Session	11/10/2018	11:30 AM - 12:45 PM	WS.APS.01	Health Disparities and Elderly Care*	Zone 1, Science and Technology Hall
Main Event		5:30 PM - 6:45 PM	WS.APS.02	Women's Health and Sex Differences I*	Zone 2, Science and Technology Hall
Cardiovascular Seminar	11/11/2018	7:15 AM - 8:30 AM	WS.ME.101	State of the Heart For Women: Top Ten Advances in Gender-Specific Medicine	N228
Abstract Poster Session		9:00 AM - 10:15 AM	WS.CVS.1454	Women in Cardiovascular Disease: BYOB (Breakfast) With Women Pioneers Networking Event	N140
		10:30 AM - 11:45 AM	WS.CVS.2229	Cardiovascular Disease and Breast Cancer	
Abstract Oral Session		10:45 AM - 12:00 PM	WS.APS.03	Aging*	Zone 1, Science and Technology Hall
			WS.APS.04	Health Disparities*	
			WS.APS.05	Women's Health and Sex Differences II*	
Moderated Digital Posters		11:45 AM - 12:55 PM	WS.AOS.01	Impact of Sex, Race and Age on CVD	N140
			WS.MDP1	Women and Special Populations*	Moderated Posters 1, Science and Technology Hall

\*Not a CME/CE accredited session.

Abstract Poster Session	11/11/2018	2:00 PM - 3:15 PM	<b>WS.APS.06</b>	<b>Women's Health and Sex Differences III*</b>	Zone 1, Science and Technology Hall
			<b>WS.APS.07</b>	<b>Women's Health and Sex Differences IV*</b>	
			<b>WS.APS.08</b>	<b>Women's Health and Sex Differences V*</b>	
Cardiovascular Seminar		3:45 PM - 5:00 PM	<b>WS.CVS.1480</b>	<b>Planning for the Urgency of Aging: What Do We Know About Optimal Care for the Very Elderly With Cardiovascular Disease?</b>	N140
			<b>WS.CVS.1504</b>	<b>The Intersection of Aging, Sex, Race and Ethnicity: The Burden of Cardiovascular Disease in the Elderly</b>	
Hybrid		5:30 PM - 6:45 PM	<b>WS.HB.01</b>	<b>Health Disparities Oral Abstracts</b>	N228
			<b>BC.CVS.100</b>	<b>Bethesda +40: Bethesda Conference 1978</b>	
Cardiovascular Seminar	11/12/2018	8:30 AM - 8:54 AM	<b>BC.CVS.101</b>	<b>Bethesda +40: Subsequent Declines in CVD Mortality 1978-2010</b>	Main Event II (s100)
			<b>CS.ME.02</b>	<b>Trending Topics in Population Science</b>	
Main Event		9:00 AM - 10:15 AM			

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
<b>CROSS SPECIALTY</b>					
Main Event	11/10/2018	9:00 AM - 10:30 AM	CS.ME.1003	Cutting Edge in Cardiovascular Science	Main Event I
		12:30 PM - 1:30 PM	ME.04	Distinguished Scientist Lecture	Main Event II (s100)
Sunday Morning Program	11/11/2018	7:15 AM - 10:15 AM	CS.SMP.100	Groundbreaking Studies in the Practice of Cardiovascular Medicine	N226
Cardiovascular Seminar	11/12/2018	9:00 AM - 12:00 PM	CS.CVS.101	The Best of Circulation Research Symposium	
Main Event		5:30 PM - 6:45 PM	CS.ME.03	Trending Topics in Basic Science	N228
<b>EPIDEMIOLOGY, BIG DATA AND PRECISION MEDICINE</b>					
Main Event	11/10/2018	10:45 AM - 12:00 PM	L.F.CVS.1000	2018 Cholesterol Clinical Practice Guidelines	Main Event I



## IMAGING AND NUCLEAR MEDICINE

Cardiovascular Seminar	11/10/2018	3:45 PM - 5:00 PM	IM.CVS.100	Circulation: Cardiovascular Imaging - Editors Picks	S102bc
	11/11/2018		CS.CVS.102	Paul Dudley White International Lecture & Session	N226





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