

American Heart Association®

**Scientific Sessions 2019**

# FINAL PROGRAM

Nov. 16–18 | Philadelphia, PA





American Heart Association®

## Scientific Sessions

November 16-18, 2019 | **Philadelphia, PA**

ScientificSessions.org #AHA19

# See the Latest and Greatest

Visit the **Health Innovation Pavilion**, located in the Heart Hub. Attend the 3-day Health Tech & Innovation Summit, and engage with companies and start-ups showcasing their products and services.

*See the Mobile Meeting Guide App for programming highlights.*

**In collaboration with the World Economic Forum, the AHA is bringing you the latest on Big Data, Artificial Intelligence, and Blockchain. Join us for one of these sessions!**

Join us for the

## 2019 Health Tech Competition

11 a.m. | Sunday, Nov. 17

Health Innovation Pavilion

Watch as finalists pitch their health tech start-up, "Shark Tank"- style, to top physicians, industry leaders, and VIPs that can help take companies to the next level.

### 2019 SPONSORS

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American Heart Association.

## Scientific Sessions

November 16-18, 2019

Philadelphia, PA

# Take some science home

Pick up your complimentary copy of the Abstracts on USB in the Science & Technology Hall. Booth 3043.

ScientificSessions.org  
**#AHA19**



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**The American Heart Association would like to thank the following supporters of Scientific Sessions 2019\*:**

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**AHA would also like to thank the following companies for their support of AHA's Scientific Sessions 2019. This support was provided in the form of educational grants:**

AstraZeneca  
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MyoKardia  
Novartis Pharmaceuticals  
Pfizer  
The Medicines Company

\*as of September 27, 2019

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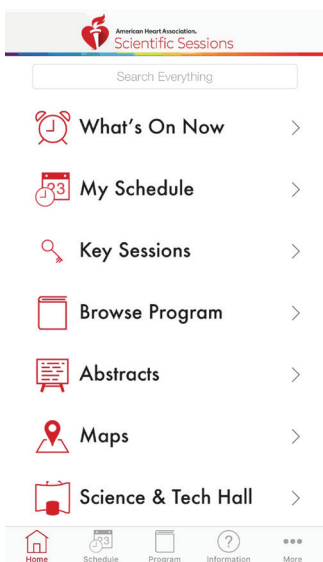
*Programming as of October 1, 2019. Please refer to Online Program Planner for up to date programming.*

# 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 (i.e. community), session type or day.
- Use the global search option in the AHA Mobile Meeting Guide App to find specific faculty, your own presentation, 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 2019 Highlights

## Presidential Session

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Sun., Nov. 17 • 12:45–2:30 PM

*Pennsylvania Convention Center, Main Event 1*

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

Robert Harrington, MD, MACC, FAHA, *Stanford, CA*

### **Keynote Address**

Murat Sönmez, World Economic Forum, *San Francisco, CA*

### **Chairman's Award**

Cheryl Pegus, MD, MPH, *Portland, OR*

### **Distinguished Scientist Recognition**

Mark E. Anderson, MD, PhD, FAHA, *Baltimore, MD*

Deepak L. Bhatt, MD, MPH, FAHA, *Boston, MA*

Costantino Iadecola, MD, FAHA, *New York, NY*

Brian Kobilka, MD, FAHA, *Stanford, CA*

Suzanne Oparil, MD, FAHA, *Birmingham, AL*

Véronique L. Roger, MD, MPH, FAHA, *Rochester, MN*

Paul K. Whelton, MB, MD, Msc, FAHA, *New Orleans, LA*

### **Basic Research Prize Award**

Evangelia "Litsa" Kranias, PhD, MS, BS, FAHA, *Cincinnati, OH*

### **Clinical Research Prize Award**

Harlan M. Krumholz, MD, SM, FAHA, *New Haven, CT*

### **Population Research Prize Award**

Margaret "Maggie" Redfield, MD, *New Haven, CT*

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

Louis R. Caplan II, MD, FAHA, *Boston, MA*

### **Research Achievement Award**

Peter Libby, MD, FAHA, *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.

**Sun., Nov. 17 • 11:00 AM–12:30 PM**

### Lunch With Legends\*

*Marriott Philadelphia Downtown, Grand Ballroom Salon F*

**Sun., Nov. 17 • 5:00–6:30 PM**

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

*Early Career/FIT Lounge*

Please see the Early Career session type and the AHA Conference App for complete programming information.

## Early Career 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, clinical, translational or population cardiovascular research.

## 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, and they are created and moderated by current AHAFITs. Refer to the AHA Mobile Meeting Guide for details.

*\*ticketed event*

*\*\*AHA Professional Members only event*

## Special Lectures

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

Robert Harrington, MD, MACC, FAHA, Stanford, CA  
Sun., Nov 17, 12:45 PM, *Pennsylvania Convention Center, Main Event I*

### **Keynote Address**

Murat Sönmez, World Economic Forum, *San Francisco, CA*  
Sun., Nov 17, 12:45 PM, *Pennsylvania Convention Center, Main Event I*

### **Science Catalyst Lecture**

Eric Olson, PhD, Dallas, TX  
Sat., Nov 16, 10:45 AM, *Pennsylvania Convention Center, Nutter Theatre*

### **Distinguished Scientist Lecture**

JoAnn E. Manson, MD, MPH, DrPH, FAHA, Boston, MA  
Sat. Nov. 16, 12:30 PM, *Pennsylvania Convention Center, Nutter Theatre*

### **Paul Dudley White Lecture**

Paul W. Armstrong, MD, FCAHS, FRSC, Edmonton, Canada  
Sun., Nov 17, 3:45 PM, *Pennsylvania Convention Center, Nutter Theatre*

## 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 CV Medicine: Genes to Behavior Change in the 21st Century**

**Sat, Nov 16, 8:30–10:15 AM, *Pennsylvania Convention Center, 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 gene therapy, novel imaging approaches, RNA-targeted therapeutics and behavioral economics.

### **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 on new findings. Refer to the AHA Mobile Meeting Guide for session details.

## **Health Tech & Innovation Summit**

**Sat., Nov. 16–Mon., Nov. 18**

*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 fifth annual Health Tech Competition will be held on Sunday, November 17 at 11:00 AM in this area. Be sure to join us for events in this area throughout the conference.

## **Cardio-Oncology Seminar**

**Monday, Nov. 18, 7:30 AM – 12:00 PM**

*Pennsylvania Convention Center, 204AB*

This half day program promises to be a stimulating educational and interactive session highlighting emerging topics in the burgeoning field of cardio-oncology. This session will feature rapid fire presentations, perspectives/debates and in depth discussion of topics relevant to the cardiovascular health of patients with cancer.

## **Congenital Heart Disease & Pediatric Cardiology Seminar**

**Monday, Nov. 18, 7:30 AM – 12:00 PM**

*Pennsylvania Convention Center, 201AB*

This seminar will cover some key current issues in precision medicine for children with congenital heart disease, including developmental prenatal biology, regenerative cell therapy for cardioprotection and neuroprotection, genetic treatments for cardiomyopathies and inherited arrhythmia disorders, and big data analytics in cardiac intensive care. There will be renowned scientific speakers along with clinical translators to bridge the gap from bench to bedside.

## **Bethesda + 41 Colloquium: 50x50x50 – Transforming the Cardiovascular Health of Youth for Generations to Come**

**Mon., Nov. 18, 9:00 AM – 12:15 PM**

*Pennsylvania Convention Center, Terrace Ballroom IV*

The AHA and the NHLBI are convening a follow up to the highly successful Bethesda +40 symposium, which was held last year at Scientific Sessions. The 2019 program will be an interactive session that will discuss the next steps for the younger

generation. Attendees will be able to learn more about key topics in improving early life cardiovascular health through an interactive learning format.

### **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: Arrhythmia Research Summit**

Sat., Nov. 16, 7:15 AM–6:45 PM

*Pennsylvania Convention Center, 119AB*

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. 16, 3:45 PM–6:45 PM

*Pennsylvania Convention Center, 103B*

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. 18, 7:15 AM– 8:30 AM & 9:00 AM– 10:15 AM

*Pennsylvania Convention Center, 126B*

&

2:00 PM - 3:15 PM

*Pennsylvania Convention Center, 126A*

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 Bridging Innate Immunity and Thrombosis, Progress in Venous Thromboembolism and Clinical Challenges in Thrombosis.

### **Peripheral Vascular Disease — Workshop**

Mon., Nov. 18, 7:15 AM–3:15 PM

*Pennsylvania Convention Center, 103B*

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 2019**

**Sat., Nov. 16, *Pennsylvania Convention Center, 118B***

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 2019. 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**

Cardiovascular Expert Theaters

Featured Science

Health Tech Competition

Late-Breaking Science

Main Event Sessions

Moderated Digital Poster Sessions

Rapid Fire Oral Abstract Sessions

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

## **AHA Professional Membership**

AHA Professional Membership and its scientific councils.

The mission of the American Heart Association and its 16 scientific councils is to be a relentless force for a world of longer, healthier lives. 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 Early Career Investigator Competitions, Distinguished Achievement Awards and Named Lectures.

## Arteriosclerosis, Thrombosis and Vascular Biology

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**Sat., Nov. 16 • 7:45–9:30 PM**

### **ATVB Early Career & Women's Leadership Networking Reception\***

*Philadelphia Marriott Downtown, Grand Ballroom Salon I/J/K*

**Sat., Nov. 16 • 3:45–4:45 PM**

### **Elaine W. Raines Early Career Investigator Award Competition**

*Pennsylvania Convention Center, 126A*

**Sun., Nov. 17 • 2:00 – 2:30 PM**

### **Russell Ross Memorial Lecture in Vascular Biology**

*Coleen A. McNamara, MD, FAHA, Charlottesville, VA  
Pennsylvania Convention Center, Room 126A*

**Mon., Nov. 18 • 9:00–9:30 AM**

### **George Lyman Duff Memorial Lecture**

*Robert A. Hegele, MD, FAHA, London, ON, Canada  
Pennsylvania Convention Center, 126A*

**Mon., Nov. 18 • 10:45–11:15 AM**

### **Sol Sherry Distinguished Lecture in Thrombosis**

*Katherine A. High, MD, Philadelphia, PA  
Pennsylvania Convention Center, 126B*

**Mon., Nov. 18 • 12:15–1:30 PM**

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

*(All ATVB Council Members are invited)*

*Philadelphia Marriott Downtown, Franklin 2/3/4*

### **ATVB Distinguished Achievement Award**

*Nancy R. Webb, PhD, FAHA, Lexington, KY*

• *Box lunch provided*

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

*\*ticketed event*

## Basic Cardiovascular Sciences

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**Sat., Nov. 16 • 11:00 AM–1:00 PM**

**Celebrate Basic Science Reception**

*Zone 1, Science & Technology Hall*

**Sat., Nov. 16 • 3:45–5:00 PM**

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

*Pennsylvania Convention Center, 113BC*

**Sat., Nov. 16 • 5:30–6:45 PM**

**Melvin L. Marcus Early Career Investigator Award in Cardiovascular Science Competition**

*Pennsylvania Convention Center, 113BC*

**Sat., Nov. 16 • 8:00–10:45 PM**

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

*Marriott Philadelphia Downtown, Grand Ballroom Salon G/H*

**BCVS Distinguished Achievement Award**

*Ju Chen, PhD, San Diego, CA*

**Sun., Nov. 17 • 10:45 AM–12:00 PM**

**Tales from the Transition: How to Differentiate Yourself from the Pack**

*Pennsylvania Convention Center, 119AB*

**Sun., Nov. 17 • 3:45–4:15 PM**

**Thomas W. Smith Memorial Lecture**

*Susan F. Steinberg, MD, FAHA, New York, NY*

*Pennsylvania Convention Center, 120C*

**Sun. Nov. 17 • 5:30–6:00 PM**

**George E. Brown Memorial Lecture**

*Jane E. Freedman, MD, FAHA, Worcester, MA*

*Pennsylvania Convention Center, 119AB*

*\*ticketed event*

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

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**Sat., Nov. 16 • 2:00–3:15 PM**

### **Cournand and Comroe Early Career Investigator Award Competition**

*Pennsylvania Convention Center, 102AB*

**Sat., Nov. 16 • 7:45–10:00 PM**

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

*The Philadelphia 201 Hotel, Horizons Rooftop Ballroom*

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

**Sun., Nov. 17 • 1:00–2:30 PM**

### **Dickinson W. Richards Memorial Lecture**

*Paul M. Hassoun, MD, Baltimore, MD*

*Pennsylvania Convention Center, 102AB*

**Mon. Nov. 18 • 10:45 AM–12:00 PM**

### **Kenneth D. Bloch Memorial Lecture in Vascular Biology**

*Jointly sponsored by the Council on Basic Cardiovascular Sciences (BCVS) and the Council on Cardiopulmonary, Critical Care, Perioperative and Resuscitation (3CPR)*

*Evangelos D. Michelakis, MD, FAHA, Edmonton, AB, Canada*

*Pennsylvania Convention Center, 102AB*

## Cardiovascular and Stroke Nursing

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**Sat., Nov. 16 • 9:50-10:15 AM**

**Kathleen A. Dracup Distinguished Award Lecture**

Marjorie Funk, PhD, RN, FAHA, *New Haven, CT*

*Pennsylvania Convention Center, 118C*

**Sat., Nov. 16 • Noon-1:45 PM**

**CVSN Pediatric Nursing Research Luncheon**

(Supported by SPCN)

*"Parental Perceptions Regarding Developmental Needs of Infants with CHD"*

*Philadelphia Marriott Downtown, Salon A*

**Sat., Nov. 16 • 3:15-3:45 PM**

**CVSN Meet and Greet**

*Pennsylvania Convention Center, 118C*

**Sat., Nov. 16 • 3:45-4:10 PM**

**Katharine A. Lembright Award and Lecture**

Terry A. Lennie, PhD, RN, FAHA, *Lexington, KY*

*Pennsylvania Convention Center, 118C*

**Sat., Nov. 16 • 4:15-5:00 PM**

**Martha Hill Early Career Investigator Award Competition**

*Pennsylvania Convention Center, 118C*

**Sat., Nov. 16 • 8:00-11:00 PM**

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

*Philadelphia Marriott Downtown, Franklin 11/12*

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

**Sun., Nov. 17 • 8:00 AM-5:15 PM**

**CVN Clinical Symposium**

*Pennsylvania Convention Center, 118B*

*\*ticketed event*

## Cardiovascular Radiology and Intervention

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**Sat., Nov. 16 • 10:45 AM–12:00 PM**

### **Charles A. Dotter Memorial Lecture**

Ziv J Haskal, MD, FAHA, *Charlottesville, VA*  
*Pennsylvania Convention Center, 108B*

**Sat., Nov. 16 • 7:45–9:30 PM**

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

*Philadelphia Marriott Downtown, Room 309/310*

- Newly Elected FAHAs, Award Presentations and Travel Grant Recognition

**Sat., Nov. 17 • 2:00–3:15 PM**

### **CVRI Melvin Judkins Early Career Investigator Award Competition**

*Pennsylvania Convention Center, 108B*

## Cardiovascular Surgery and Anesthesia

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**Sat., Nov. 16 • 10:45–11:30 AM**

### **CVSA Resident Prize**

*Pennsylvania Convention Center, 109AB*

**Sat., Nov. 16 • 3:45–5:00 PM**

### **CVSA William W. L. Glenn Lecture**

Joseph E. Bavaria, MD, *Philadelphia, PA*  
*Pennsylvania Convention Center, 109AB*

**Sat., Nov. 16 • 5:30–6:45 PM**

### **CVSA Vivien Thomas Early Career Investigator Award Competition**

*Pennsylvania Convention Center, 109AB*

**Sat., Nov. 16 • 8:00–11:00 PM**

### **CVSA Council Dinner\***

*Philadelphia Downtown Marriott, Salon L*

### **CVSA Distinguished Achievement Award**

Marc Ruel, MD, MPH, FAHA, *Ottawa, ON, Canada*

*\*ticketed event*

## Clinical Cardiology

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**Sat., Nov. 16, 8:00 AM-4:30 PM**

**State of the Art Cardiovascular Care 2019**

*Pennsylvania Convention Center, 118B*

**Sat., Nov. 16 • 7:15 AM-6:45 PM**

**Frontiers in Science: Arrhythmia Research Summit**

*Pennsylvania Convention Center, 119AB*

**Sat. Nov. 16 • 9:00-10:15 AM**

**Samuel A. Levine Early Career Clinical Investigator Award Competition**

*Pennsylvania Convention Center, 107AB*

**Sat., Nov. 16 • 10:30 AM-11:00 AM**

**Laennec Clinician/Educator Lecture**

Emelia J. Benjamin, MD, ScM, FAHA, Boston, MA

*Pennsylvania Convention Center, 109AB*

**Sat., Nov. 16 • 11:00 AM-12:15 PM**

**Laennec Fellows in Training (FIT) Clinician Award Competition**

*Pennsylvania Convention Center, 109AB*

**Sat., Nov. 16 • 11:30 AM-1:30 PM**

**Women in Cardiology Committee Networking Luncheon\***

*Philadelphia Marriott Downtown, Franklin 11/12*

**Networking and Discussion of Physician Career Burnout**

• Boxed Lunch Provided

**Sat., Nov. 16 • 7:45-10:00 PM**

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

*Philadelphia Marriott Downtown, Franklin A*

**James B. Herrick Award and Lecture**

Keith Copelin Ferdinand, MD, FAHA, *New Orleans, LA*

**CLCD Distinguished Achievement Award**

Raymond J. Gibbons, MD, MSc, FAHA, *Rochester, MN*

**Laennec Master Clinician Award**

Thomas M. Bashore, MD, FAHA, *Durham, NC*

**Women in Cardiology Mentoring Award**

Sharon C. Reimold, MD, MS, *Dallas, TX*

• Newly Elected FAHAs, Award Presentations and Travel Grant Recognition

*\*ticketed event*



## Epidemiology and Prevention

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**Sat., Nov. 16 • 10:45 AM–12:00 PM**

### **Elizabeth Barrett-Connor Early Career Investigator Award Competition**

*Pennsylvania Convention Center, 201C*

**Sat., Nov. 16 • 5:30–5:45 PM**

### **Ancel Keys Memorial Lecture**

Aaron R. Folsom, MD, MPH, FAHA, *Minneapolis, MN*

*Pennsylvania Convention Center, 201C*

**Sat., Nov. 16 • 8:00–10:30 PM**

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

*Philadelphia Marriott Downtown, Franklin 5/6*

- Newly Elected FAHAs, Award Presentations and Travel Grant Recognition

## Genomics and Precision Medicine

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**Sat., Nov. 16 • 5:30–6:30 PM**

### **Genomic and Precision Medicine Early Career Investigator Award Competition**

*Pennsylvania Convention Center, 121C*

**Sat., Nov. 16 • 7:45–9:30 PM**

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

*Philadelphia Marriott Downtown, Franklin 10*

#### **GPM Distinguished Achievement Award**

Emelia J. Benjamin, MD, ScM, FAHA

#### **Mentoring Award**

Ronglih Liao, PhD, FAHA, *Palo Alto, CA*

#### **Medal of Honor**

Christine E. Seidman, MD, FAHA, *Boston, MA*

- Newly Elected FAHAs, Award Presentations and Travel Grant Recognition

**Sun., Nov. 17 • 7:15–9:15 AM**

### **Clinical Genomics Boot Camp**

*Pennsylvania Convention Center, 121C*

*\*ticketed event*

**Mon., Nov. 18 • 2:00–2:30 PM**

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

Themistocles L. Assimes, MD, PhD, FAHA, FRCPC, *Palo Alto, CA*

*Pennsylvania Convention Center, 121C*

## **Hypertension and Kidney in Cardiovascular Disease**

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**Sat., Nov. 16 • 7:15–8:30 AM**

**Emerging Therapies for Hypertension Management: Medical and Interventional**

*Pennsylvania Convention Center, 108A*

**Sat., Nov. 16 • 9:00–10:15 AM**

**Sleep Disorder and Hypertension**

*Pennsylvania Convention Center, 108A*

**Sat., Nov. 16 • 10:45 AM–12:00 PM**

**Hypertension Issues in Women**

*Pennsylvania Convention Center, 105AB*

**Sat., Nov. 16 • 2:00–3:15 PM**

**Blood Pressure Measurement in Humans: An Overview of the 2019 Scientific Statement from AHA**

*Pennsylvania Convention Center, 108A*

**Sat., Nov. 16 • 3:45–5:00 PM**

**Microbiota and Hypertension: What Bugs You?**

*Pennsylvania Convention Center, 108A*

**Sun., Nov. 17 • 7:15–8:30 AM**

**Advances in Genetics and Pharmacogenetics of Hypertension**

*Pennsylvania Convention Center, 108A*

**Mon., Nov. 18 • 10:45 AM–12:00 PM**

**Stem Cells, Exosomes and Hypertension**

*Pennsylvania Convention Center, 108A*

*\*ticketed event*

## **Lifelong Congenital Heart Disease and Heart Health in the Young (Young Hearts) formally known as Cardiovascular Disease in the Young (CVDY)**

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**Sat., Nov. 16 • 9:00–9:30 AM**

### **William J. Rashkind Memorial Lecture**

Liz Crowe, BSW, *South Brisbane, Australia*  
*Pennsylvania Convention Center, 113BC*

**Sat., Nov. 16 • 9:30–10:15 AM**

### **Young Hearts Early Career Investigator Competition**

*Pennsylvania Convention Center, 113BC*

**Sat., Nov. 16 • 12:00–2:00 PM**

### **Young Hearts Early Career Networking Lunch\***

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

*Philadelphia Marriott Downtown, Independence Ballroom 1/2/3*

**Sat., Nov. 16 • 3:45–4:15 PM**

### **T. Duckett Jones Memorial Lecture**

Craig A. Sable, MD, FAHA, *Washington, DC*  
*Pennsylvania Convention Center, Nutter Theatre*

**Sat., Nov. 16 • 7:45–10:00 PM**

### **Young Hearts Annual Business Meeting and Council Reception\***

*Philadelphia Marriott Downtown, Liberty Ballroom C*

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

*\*ticketed event*

## Lifestyle and Cardiometabolic Health

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**Sat., Nov. 16 • 2:00–2:30 PM**

**Robert Levy Memorial Lecture**

Frank M. Sacks, MD, FAHA, *Boston, MS*

*Pennsylvania Convention Center, 201AB*

**Sat., Nov. 16 • 8:00–10:30 PM**

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

*Philadelphia Marriott Downtown, Franklin 5/6*

**Lifestyle Distinguished Achievement Award**

Jean-Pierre Després, CQ, PhD, FAHA, *Québec, Canada*

- Newly Elected FAHAs, Award Presentations and Travel Grant Recognition

**Sun., Nov. 17 • 11:00–11:45 AM**

**Lifestyle EC/FIT Lounge Program**

**Insights from the Council on Lifestyle and Cardiometabolic  
Health: A Discussion about Lifestyle and Health Disparities**

*Pennsylvania Convention Center, 2nd Floor, Heart Hub, Booth 13*

**Sun., Nov. 17 • 2:30–3:15 PM**

**Lifestyle and Cardiometabolic Health Early Career  
Investigator Award Competition**

*Pennsylvania Convention Center, 201AB*

*\*ticketed event*

## Peripheral Vascular Disease

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**Sat., Nov. 16 • 2:00–2:45 PM**

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

*Pennsylvania Convention Center, 105AB*

**Sat., Nov. 16 • 3:45–6:45 PM**

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

*Pennsylvania Convention Center, 103B*

**Sat., Nov. 16 • 7:45–9:30 PM**

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

*Philadelphia Marriott Downtown, Independence Ballroom*

#### **PVD Distinguished Achievement Award**

Michael S. Conte, MD, FAHA, *San Francisco, CA*

- Newly Elected FAHAs, Award Presentations and Travel Grant Recognition

**Mon., Nov. 18 • 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.

*Pennsylvania Convention Center, 103B*

## Quality of Care and Outcomes Research

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**Sat., Nov. 16 • 8:00–10:00 PM**

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

*Philadelphia Marriott Downtown, Franklin 8*

#### **QCOR Distinguished Achievement Award**

Frederick A. Masoudi, MD, MSPH, FAHA, *Aurora, CO*

**Sun., Nov. 17 • 2:00–3:15 PM**

### **AHA's Got Talent: Perfecting Your 3-Minute Elevator Speech**

*Pennsylvania Convention Center, 202AB*

## Stroke

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**Sat., Nov. 16 • 10:45–11:15 AM**

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

Louise McCullough, MD, PhD, FAHA, *Houston, TX*

*Pennsylvania Convention Center, 118A*

*\*ticketed event*



American Heart Association.

## Scientific Sessions

November 16-18, 2019 | Philadelphia, PA

ScientificSessions.org #AHA19

Join the **AHA**,  
in collaboration  
with the **World  
Economic Forum**,  
in sessions on:

- Big Data
- Deep Learning
- Artificial Intelligence
- Blockchain
- Value in Health Care



# See You Next Year



American Heart Association®

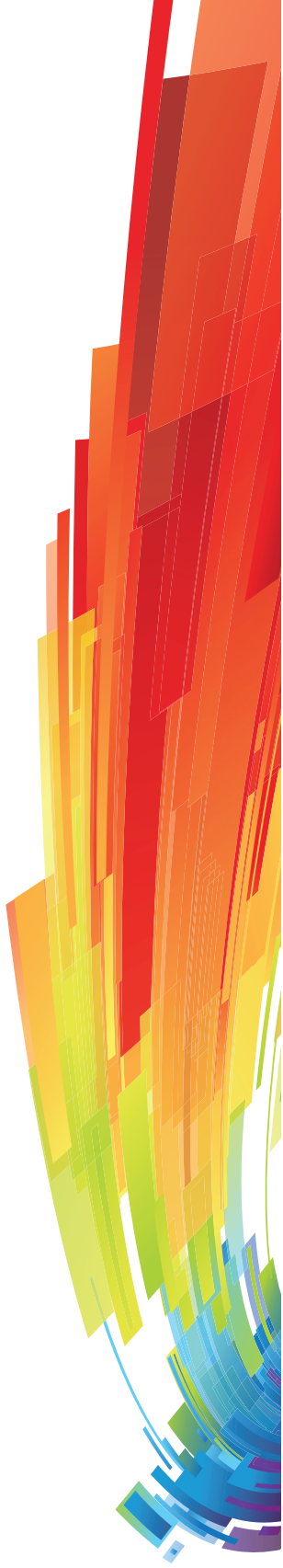
## Scientific Sessions

**November 14-16, 2020**  
**Dallas, Texas**

Abstracts open in **April 2020**  
Registration opens in **June 2020**

**#AHA20**  
**ScientificSessions.org**

# Main Events and Program Highlights





SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION	COMMUNITIES
<b>MAIN EVENTS &amp; LATE BREAKING SCIENCE</b>						
Main Event	11/16/2019	8:30 AM - 10:15 AM	CS.ME.621	Opening & Cutting Edge in CV Medicine: Genes to Behavior Change in the 21st Century	Main Event I	Cross Speciality
		9:00 AM - 10:15 AM	AC.ME.596	ACS Management in 2019 and Beyond	Main Event II	Acute Coronary Syndromes
		10:45 AM - 11:45 AM	CS.ME.100	Science Catalyst Keynote	Nutter Theatre	Cross Speciality
Late-Breaking Science	11/16/2019	10:45 AM - 12:00 PM	LBS.01	Late Breaking Science I: Outside the Box: New Approaches to CVD Risk Reduction	Main Event I	Cross Speciality
Main Event	11/16/2019	10:45 AM - 12:00 PM	IM.ME.509	Hand in Hand: Healthy Heart, Healthy Brain	Main Event II	Imaging and Nuclear Medicine
		12:30 PM - 1:30 PM	CS.ME.102	Distinguish Scientist Lecture	Nutter Theatre	Cross Speciality
Late-Breaking Science	11/16/2019	2:00 PM - 3:15 PM	LBS.02	Late Breaking Science II: Results for the Ischemia Trials: To Intervene or Not to Intervene	Main Event I	Interventional Treatments
Main Event	11/16/2019	2:00 PM - 3:15 PM	HF.ME.538	Managing Diabetes in Heart Failure: Finding the Sweet Spot	Main Event II	Heart Failure and Cardiomyopathies

## Main Events/Program Highlights

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION	COMMUNITIES
Main Event	11/16/2019	2:00 PM - 3:15 PM	AT.ME.135	Clonal Hematopoiesis - CHIPing Away at CV Risk	Nutter Theatre	Arteriosclerosis, Thrombosis, Vascular Biology
		3:45 PM - 5:00 PM	SA.ME.598	Mitral Valve Therapies - When Drugs are Not Enough	Main Event II	Surgery & Anesthesia
Late-Breaking Science	11/16/2019	5:30 PM - 6:45 PM	LBS.03	Late Breaking Science III: Controversies in Contemporary Management of AS	Main Event II	Interventional Treatments
	11/17/2019	9:00 AM - 10:15 AM	LBS.04	Late Breaking Science IV: State of the Art Interventional Management for ACS Patients	Main Event I	Acute Coronary Syndromes
Main Event	11/17/2019	9:00 AM - 10:15 AM	HF.ME.405	Amyloid Heart Disease: Emerging from the Shadows Into YOUR Practice	Main Event II	Heart Failure and Cardiomyopathies
Late-Breaking Science	11/17/2019	10:45 AM - 12:00 PM	LBS.05	Late Breaking Science V: Challenges in Heart Failure Management	Main Event I	Heart Failure and Cardiomyopathies
Main Event	11/17/2019	10:45 AM - 12:00 PM	VA.ME.341	A Sign of the Times for PAD: Stents, Drugs and Walk 'n' Roll	Main Event II	Vascular Disease and Thrombosis
		12:45 PM - 2:30 PM	PS.01	Presidential Session	Main Event I	Cross Speciality

Main Event	11/17/2019	3:45 PM - 5:00 PM	PR.ME.439	Gaps in the 2018 Cholesterol Guidelines: The Great Debate(s)	Main Event I	Prevention, Health and Wellness
			EA.ME.537	The Future of AF is Now - How Do I Answer My Patients' New Questions?		
Late-Breaking Science	11/18/2019	9:00 AM - 10:15 AM	LBS.06	Late Breaking Science VI: New Frontiers in Lipid Therapy	Main Event I	Cardiometabolic Health and Diabetes
Main Event	11/18/2019	10:45 AM - 12:00 PM	QU.ME.600	Value in Healthcare: Transforming Cardiovascular Care	Nutter Theatre	Quality of Care
			CO.ME.333	Cardio-Oncology or Onco-Cardiology: Cardiac and Cancer Treatment in the Balance	Main Event II	Cardio-Oncology
			LF.ME.525	As the World Turns Hotter: CV Emergency or Opportunity?	Main Event I	Lifestyle & Behavioral Medicine
			CS.ME.1641	Trending Topics in Population Science	Main Event II	Nutter Theatre
			CS.ME.101	Trending Topics: Clinical Science		Cross Speciality
CS.ME.1618	Trending Topics in Basic Science	Nutter Theatre				

## Main Events/Program Highlights

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION	COMMUNITIES
<b>JOURNAL TRACK SESSIONS</b>						
Hall	11/16/2019	2:30 PM - 3:30 PM	CS.HT.103	Reproducibility, Rigor & Transparency Initiatives at the AHA Journals	Heart Theater	Cross Speciality
Sunday Morning Program	11/17/2019	7:15 AM - 10:15 AM	CS.SMP.100	Circulation: Innovation in Cardiovascular Science and Medicine	Nutter Theatre	Cross Speciality
Cardiovascular Seminar	11/17/2019	9:00 AM - 10:15 AM	AT.CVS.390	ATVB Journal Session: Adipose Tissue and Vascular (Dys)Function	126A	Arteriosclerosis, Thrombosis, Vascular Biology
	11/18/2019	9:00 AM - 10:30 AM	CS.CVS.101	Circulation and Circulation Research: Pulling Back the Scientific Publishing Curtain	204C	Cross Speciality
<b>FEATURED SCIENCE SESSIONS</b>						
Featured Science	11/16/2019	7:00 AM - 8:30 AM	FS.AOS.01	Featured Science Population Science	103B	Cross Speciality
			FS.AOS.02	Featured Science EP	107AB	Electrophysiology and Arrhythmias

Featured Science	11/16/2019	3:45 PM - 5:00 PM	FS.AOS.03	ACS & CAD: From Out of Hospital Arrest to Chronic Management	111AB	Acute Coronary Syndromes
			FS.AOS.04	Late Breaking Trials in EP and LV Function	118A	Electrophysiology and Arrhythmias
		5:30 PM - 6:45 PM	FS.AOS.05	Early Phase Science	103A	Cross Speciality
	11/17/2019	9:00 AM - 10:15 AM	FS.AOS.06	Implementation Science Around the Globe	112AB	
		3:45 PM - 5:00 PM	FS.AOS.07	Outpatient Strategies for Heart Failure Management	103A	Heart Failure and Cardiomyopathies
	11/18/2019	3:45 PM - 5:00 PM	FS.AOS.08	How Do (or Don't) New Therapies Work to Reduce CVD Risk? Latest from Recent Trials	103B	Cross Speciality
	11/16/2019	10:00 AM - 10:50 AM	FS.MDP.01	A Deeper Dive into Newer Therapies for Heart Failure I	Moderated Posters 3, Science and Technology Hall	Heart Failure and Cardiomyopathies
			FS.MDP.02	Observational Studies I	Moderated Posters 6, Science and Technology Hall	
	11/17/2019	4:00 PM - 4:50 PM	FS.MDP.03	Observational Studies II	Moderated Posters 3, Science and Technology Hall	Cross Speciality

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION	COMMUNITIES
Featured Science	11/17/2019	4:00 PM - 4:50 PM	FS.MDP.04	A Deeper Dive into Newer Therapies for Heart Failure II	Moderated Posters 2, Science and Technology Hall	Heart Failure and Cardiomyopathies
			FS.MDP.05	Follow-up of Landmark Trials	Moderated Posters 1, Science and Technology Hall	Cross Speciality

### BETHESDA +41 SYMPOSIUM

Cardiovascular Seminar	11/18/2019	9:00 AM - 12:15 PM	BC.CVS.100	Bethesda + 41: 50x50x50 - Transforming the Cardiovascular Health of Youth for Generations to Come	Terrace Ballroom IV	Epidemiology, Big Data, and Precision Medicine
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### STATE OF THE ART CV CARE

Cardiovascular Seminar	11/16/2019	8:00 AM - 4:30 PM	CC.CVS.01	State of the Art Cardiovascular Care Seminar 2019	118B	Cross Speciality
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## FRONTIERS IN SCIENCE: ARRHYTHMIA RESEARCH SUMMIT

Frontiers in Science	11/16/2019	7:15 AM - 8:30 AM	EA.FIS.599	Arrhythmia Research Summit: Translational Insights into AF	119AB	Electrophysiology and Arrhythmias
		9:00 AM - 10:15 AM	EA.FIS.600	Arrhythmia Research Summit: Ventricular Arrhythmias and Sudden Cardiac Death: Bench to Bedside		
		10:45 AM - 12:00 PM	EA.FIS.601	Arrhythmia Research Summit: New Arrhythmia Concepts		
		2:00 PM - 3:15 PM	EA.FIS.602	Arrhythmia Research Summit: Novel Mechanisms Beget New Arrhythmia Therapies		
		3:45 PM - 5:00 PM	EA.FIS.603	Arrhythmia Research Summit: Engineering Arrhythmia Innovations		
		5:30 PM - 6:45 PM	EA.FIS.604	Arrhythmia Research Summit: Hottest New EP Advances and Connections 2019 With the Experts		

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION	COMMUNITIES
<b>FRONTIERS IN SCIENCE: THROMBOSIS SUMMIT</b>						
Frontiers in Science	11/18/2019	7:15 AM - 8:30 AM	AT.FIS.339	Frontiers in Thrombosis: Progress in Venous Thromboembolism	126B	Arteriosclerosis, Thrombosis, Vascular Biology
		9:00 AM - 10:15 AM	AT.FIS.338	Frontiers in Thrombosis: Bridging Innate Immunity and Thrombosis		
		2:00 PM - 3:15 PM	AT.FIS.340	Frontiers in Thrombosis: Clinical Challenges in Thrombosis		

<b>FRONTIERS IN SCIENCE: VASCULAR DISEASE SUMMIT</b>						
Frontiers in Science	11/16/2019	3:45 PM - 5:00 PM	VA.FIS.402	Frontiers in Science: Vascular Disease Summit: Vascular Diseases from Bench to Bedside	103B	Vascular Disease and Thrombosis
		5:30 PM - 6:45 PM	VA.FIS.346	Frontiers in Science: Vascular Disease Summit: Clot Prevention and Clot Busting		



## EARLY CAREER

Early Career	11/16/2019	7:15 AM - 8:30 AM	IN.EC.320	CLCD Early Career Ancillary Session: Launch your Cardiology Career! A Heart Team Approach to Developing a Productive and Engaging Practice	Terrace Ballroom IV	Interventional Treatments
		9:00 AM - 10:15 AM	NR.EC.349	Publish or Perish? Rules to Live by for Early Career Authors	118C	Nursing Research and Clinical
		11:30 AM - 12:20 PM	EA.HT.274	Cardiac Electrophysiology Sessions for AHA Early Career Day - Part 2: How I Got Here: A Panel Discussion on the Different Types of EP Career Options*	EP Central	Electrophysiology and Arrhythmias
		2:00 PM - 3:15 PM	AC.EC.319	CLCD Early Career CORE Session: Your Passion, Your Career, Your Growth: Practical Advice from Mentors for The Fundamentals and Beyond	103B	Acute Coronary Syndromes
		3:45 PM - 5:00 PM	IN.EC.322	CLCD Early Career Ancillary Session: Working Across the Aisle ? Collaborating with Industry and Alternate Career Pathways	112AB	Interventional Treatments

\*Not a CME/CE accredited session.

Main Events/Program Highlights

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION	COMMUNITIES
Early Career	11/17/2019	9:00 AM - 10:15 AM	VA.EC.316	Underrepresentation of Female Providers in Vascular Intervention: Opportunities and Challenges	103B	Vascular Disease and Thrombosis
			EA.EC.272	AHA Early Career Session - Welcome to the World of EP	113BC	Electrophysiology and Arrhythmias
		10:45 AM - 12:00 PM	CE.EC.311	Tales from the Transition: How to Differentiate Yourself from the Pack	119AB	Cellular Biology
			GE.EC.318	Single-Cell RNA Sequencing Boot Camp	121C	Genetics and Genomics
		2:00 PM - 3:15 PM	QU.EC.313	AHA's Got Talent: Perfecting Your 3-Minute Elevator Speech	202AB	Quality of Care
		5:30 PM - 6:45 PM	CH.EC.317	Chutes and Ladders: Navigating and Empowering Early Career Faculty and Fellows	112AB	Congenital Heart Disease and Pediatric Cardiology
			NR.EC.312	Negotiating Your Career	120A	Nursing Research and Clinical

Early Career	11/18/2019	8:00 AM - 12:00 PM	IM.EC.325	CVRI Imaging Bootcamp	109AB	Imaging and Nuclear Medicine
		3:45 PM - 5:00 PM	AT.EC.315	Preparing for Success in Early Career	126A	Arteriosclerosis, Thrombosis, Vascular Biology

## MEET THE TRIALISTS

Meet the Trialists	11/16/2019	3:45 PM - 4:30 PM	CS.MT.01	Meet the Trialists #1	EP Central	Cross Speciality
		5:30 PM - 6:15 PM	CS.MT.02	Meet the Trialists #2	Interventional Central	
	11/17/2019	9:30 AM - 10:15 AM	CS.MT.03	Meet the Trialists #3		
		12:30 PM - 1:15 PM	CS.MT.04	Meet the Trialists #4	EP Central	
		5:30 PM - 6:15 PM	CS.MT.05	Meet the Trialists #5		
	11/18/2019	9:30 AM - 10:15 AM	CS.MT.06	Meet the Trialists #6	Interventional Central	

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION	COMMUNITIES
Joint Sessions	11/16/2019	7:00 AM - 8:15 AM	CA.JS.625	Cardiovascular Research Using iPS Cell Technology: Joint Session with AHA and The Japanese Circulation Society	121A	Cardiac Development, Structure and Function
			CS.JS.622	Resuscitation: What Works and What Doesn't Work: Joint Session with AHA and Brazilian Society of Cardiology		Cross Speciality
		9:00 AM - 10:15 AM	CS.JS.1631	Cardiometabolic Disorders in Migrant Populations AHA Joint Session with Emirates Cardiac Society	103B	
			PR.JS.1611	Global Roundtable: Cardio-Oncology Rehabilitation (CORE) to Manage Cardiovascular Outcomes in Cancer Patients and Survivor(SOCHICAR, The Danish Society of Cardiology and Italian Association of Hospital Cardiologists (ANMCO)	121A	Prevention, Health and Wellness
		10:45 AM - 12:00 PM				

Joint Sessions	11/16/2019	10:45 AM - 12:00 PM	CS.JS.1630	Reducing the Global Burden of Cardiovascular Disease: AHA Joint Session with World Heart Federation	126B	Cross Specialty
			IM.JS.1644	Global Roundtable: Artificial Intelligence in Cardiovascular Imaging American Heart Association, European Association of Nuclear Medicine (EANM), Saudi Society of Echocardiography (SASE) and Argentine Society of Cardiology (SAC)	103B	Imaging and Nuclear Medicine
			EA.JS.1629	Arrhythmia Management in 2019: AHA Joint Session with Iranian Heart Association	103C	Electrophysiology and Arrhythmias
			AC.JS.1617	Global Roundtable: Acute Coronary Syndromes in 2019: The Caribbean-South American Perspective (Argentina Federation of Cardiology, Caribbean Cardiac Society, Chilean Society of Cardiology and Cardiovascular Surgery and National Heart Foundation Hospital)	121A	Acute Coronary Syndromes
		2:00 PM - 3:15 PM				

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION	COMMUNITIES
Joint Sessions	11/16/2019	3:45 PM - 5:00 PM	EA.JS.1613	Global Roundtable: Arrhythmias in Unique Circumstances (Cardiac Society of Australia and New Zealand, Mexican Society of Cardiology, Polish Cardiac Society and Romanian Society of Cardiology)	121A	Electrophysiology and Arrhythmias
		5:30 PM - 6:45 PM	CS.JS.623	Current Advances in International Issues: Joint Session with AHA and Chinese Society of Cardiology		Cross Speciality
	11/17/2019	7:15 AM - 8:30 AM	EA.JS.1624	Controversies in the Management of Patients with Atrial and Ventricular Arrhythmias: What Evidence Do We Have and What Research Is Still Needed?: Joint Session with AHA and Heart Rhythm Society		Electrophysiology and Arrhythmias
		9:00 AM - 10:15 AM	CS.JS.624	Atrial Fibrillation Management: From Basic Research to Clinical: Joint Session with AHA and Great Wall International Congress of Cardiology		Cross Speciality

Joint Sessions	11/17/2019	10:45 AM - 12:00 PM	HF.JS.1615	Global Roundtable: Addressing Questions Regarding Devices and Heart Failure (ANMCO Italian Association of Hospital Cardiologists, Cardio Renal Society of America, Gulf Heart Association, Pan African Society of Cardiology and Singapore Cardiac Society)	121A	Heart Failure and Cardiomyopathies
		9:00 AM - 10:15 AM	CS.JS.1679	Transatlantic Perspective on Unanswered Questions in Cardiac Critical Care: Joint AHA/ESC-ACCA	120A	Cross Speciality
	11/18/2019	2:00 PM - 3:15 PM	IN.JS.1616	Global Roundtable: Interventional Treatments from Around the Globe (French Society of Cardiology, Heart and Health Foundation of Turkey, Israel Heart Society and Japanese Society of Pediatric Cardiology and Cardiac Surgery)	121A	Interventional Treatments
		3:45 PM - 5:00 PM	PR.JS.1623	Care for The Athletic Heart: Many Issues, One Goal: AHA Joint Session with American College of Cardiology		Prevention, Health and Wellness
		5:30 PM - 6:45 PM	CS.JS.626	Road Maps for the Americas: Where We Are Going in the Control of Cardiovascular Diseases: Joint Session with AHA and InterAmerican Society of Cardiology		Cross Speciality

## Main Events/Program Highlights



American Heart Association®

# Scientific Sessions

November 16-18, 2019 | **Philadelphia, PA**

ScientificSessions.org #AHA19



## Scientific Sessions Walking Challenge

Register to link your tracking device and watch your progress on the leaderboard, along with your competitors', for a little healthy competition.

Register in the bridge area outside the Science & Technology Hall.

Contest begins at 9 a.m. on Saturday, Nov. 16, and ends at noon on Monday, Nov. 18.

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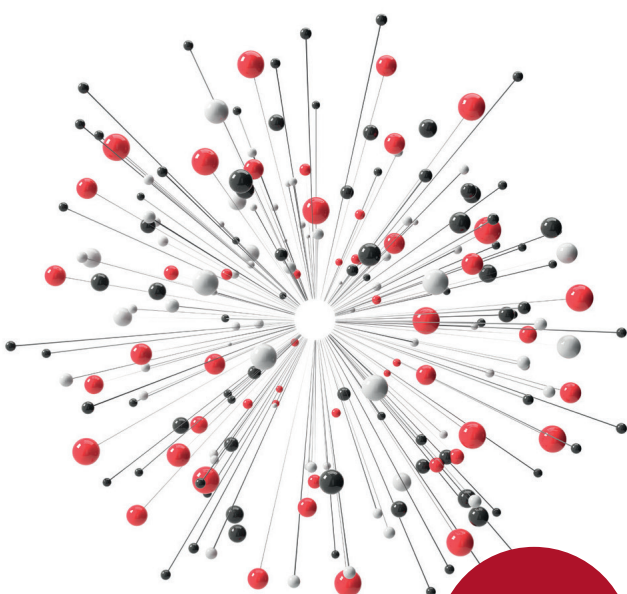
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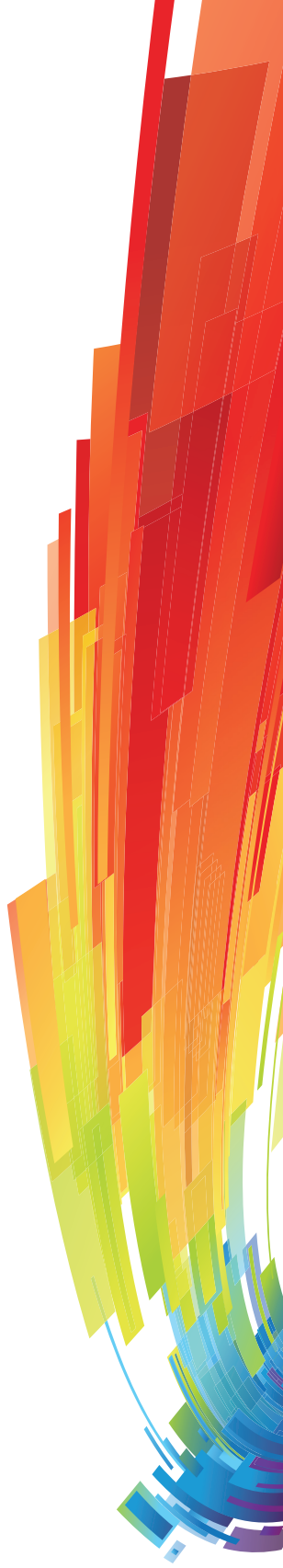
**Abstract submission:**

**Dec 2019 - 14 Feb 2020**

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# General Educational Programming (Organized by Science)



SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
<b>ARTERIOSCLEROSIS, THROMBOSIS, VASCULAR BIOLOGY</b>					
Abstract Rapid Fire Oral	11/16/2019	12:30 PM - 1:20 PM	AT.RFO1	Novel Lipid-modulating Therapies and Targets for Atherosclerosis*	Zone 1, Science and Technology Hall
Abstract Poster Session		1:30 PM - 2:00 PM	AT.APS.01	Best of Basic Science Posters*	
			AT.APS.02	Redox Signaling and Cardiovascular Disease*	
			AT.APS.03	Lipid Lowering and the Origins of Cardiovascular Disease*	
			AT.APS.04	Lipid-mediated Mechanisms Contributing to Atherogenesis*	
			AT.APS.05	Metabolic Syndrome and Cardiovascular Disease*	
Moderated Digital Posters		2:15 PM - 3:05 PM	AT.MDP14	Regulation of Vascular Inflammation and Aneurysm*	Moderated Posters 5, Science and Technology Hall
Abstract Rapid Fire Oral		3:15 PM - 4:10 PM	AT.RFO3	Developing Cellular Therapies*	Zone 1, Science and Technology Hall
Abstract Oral Session		3:45 PM - 4:45 PM	AT.AOS.463	Elaine W. Raines Early Career Investigator Award	126A
Abstract Poster Session		4:30 PM - 5:00 PM	AT.APS.06	Metabolism and Vascular Disease*	Zone 1, Science and Technology Hall
			AT.APS.07	Thrombosis and Hemostasis: Mechanisms, Outcomes and Treatment*	

\*Not a CME/CE accredited session.

Basic Science

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/16/2019	4:30 PM - 5:00 PM	AT.APS.08	Experimental and Therapeutic Approaches for Cardiovascular Disease*	Zone 1, Science and Technology Hall
Abstract Rapid Fire Oral			AT.APS.09	Innovative Approaches to Assess (Micro)Vascular Contributions to Disease*	
Moderated Digital Posters			AT.RFO4	Mechanistic Insights into the Role of Inflammation in Metabolism and Atherosclerosis*	
			AT.MDP15	Hemostasis, Thrombosis and Fibrinolysis*	
Cardiovascular Seminar	11/17/2019	7:15 AM - 8:30 AM	AT.CVS.143	How Basic Science Can Inform Clinical Decisions in the Management of Cardiovascular Calcification	126A
Moderated Digital Posters			AT.CVS.390	ATVB Journal Session: Adipose Tissue and Vascular (Dys) Function	
Cardiovascular Seminar	11/17/2019	10:30 AM - 11:20 AM	AT.MDP34	Monocytes, Macrophages and Atherosclerosis*	Moderated Posters 4, Science and Technology Hall
			AT.CVS.284	Pulmonary Arterial Hypertension and Infectious Diseases: A Global Health Issue	
			AT.CVS.517	Cellular Lipids and Circulating Lipoproteins in Atherosclerosis	

\*Not a CME/CE accredited session.

Cardiovascular Seminar	11/17/2019	10:45 AM - 12:00 PM	AT.CVS.90	ATVB and SFRBM Joint Session: Redox Signaling and Cardiovascular Disease	126B
Moderated Digital Posters		11:35 AM - 12:25 PM	AT.MDP41	Endothelium, Vascular Tone and Nitric Oxide*	Moderated Posters 6, Science and Technology Hall
Abstract Poster Session		12:30 PM - 1:00 PM	AT.APS.10	Endothelial Dysfunction and Atherosclerosis*	Zone 1, Science and Technology Hall
			AT.APS.11	Lipoprotein and Lipid Function in Atherogenesis*	Zone 1, Science and Technology Hall
Best of AHA Specialty Conferences			BASC.01	Best of AHA Specialty Conferences: ATVB/PVD 2019*	Best of Specialty Conferences, Science and Technology Hall
Abstract Oral Session		2:00 PM - 3:15 PM	AT.AOS.462	Russell Ross Memorial Lectureship in Vascular Biology	126A
Cardiovascular Seminar			AT.CVS.239	Extracellular Vesicles in Cardiovascular Disease: The Good and the Bad	126B
Moderated Digital Posters		2:10 PM - 3:00 PM	AT.MDP36	Novel Roles of Lipoprotein Modifying Pathways*	Moderated Posters 4, Science and Technology Hall
			AT.MDP45	Understanding Atherosclerotic Mechanisms: From Lipid Metabolism to the Endothelium*	Moderated Posters 7, Science and Technology Hall
Abstract Poster Session		3:00 PM - 3:30 PM	AT.APS.12	Aging and Vascular Disease*	Zone 1, Science and Technology Hall
			AT.APS.13	Vascular and Valvular Calcification*	

\*Not a CME/CE accredited session.

**Basic Science**

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/17/2019	3:00 PM - 3:30 PM	AT.APS.14	Vascular Inflammation and Aortic Aneurysm*	Zone 1, Science and Technology Hall
Abstract Rapid Fire Oral			AT.APS.15	Vascular Differentiation and Regeneration I*	
Cardiovascular Seminar		3:40 PM - 4:30 PM	AT.RFO19	Latest Advances in Vascular Remodeling and Regeneration*	
		3:45 PM - 5:00 PM	AT.CVS.101	Moving up the Ranks: Assistant to Full Professor and Beyond?	121C
			AT.CVS.230	Frontiers in Vascular Regeneration	126A
Hybrid		5:30 PM - 6:45 PM	AT.CVS.297	Frontiers in Cardiovascular Target Discovery	126B
			AT.HB.466	Novel Insights Into Coronary Arterial Disease and Aging	
			AT.HB.470	Metabolic and Inflammatory Regulation of Atherosclerosis and Aneurysm	126A
Cardiovascular Seminar	11/18/2019	7:15 AM - 8:30 AM	AT.CVS.236	Endothelial Cell Metabolism	
Abstract Oral Session		9:00 AM - 10:00 AM	AT.AOS.464	George Lyman Duff Memorial Lecture	
		10:45 AM - 12:00 PM	AT.AOS.465	Sol Sherry Distinguished Lecture in Thrombosis	126B
Cardiovascular Seminar			AT.CVS.424	Novel Insights of Vascular Smooth Muscle Cells in Cardiovascular Diseases	126A

\*Not a CME/CE accredited session.

Abstract Poster Session	11/18/2019	11:30 AM - 12:00 PM	AT.APS.16	Adipose Tissues and Vascular Function*	Zone 1, Science and Technology Hall
			AT.APS.17	Regulation of Vascular Inflammation*	
			AT.APS.18	Modifiers and Effectors Downstream of Low-Density-Lipoprotein Cholesterol*	
			AT.APS.19	Effectors of Endothelial State: From E-Cigarettes to Molecules to Disease States*	
Moderated Digital Posters		12:40 PM - 1:30 PM	AT.MDP62	Microvascular Dysfunction - an Emerging Culprit Underlying Cardiovascular Disease*	Moderated Posters 5, Science and Technology Hall
		1:30 PM - 2:00 PM	AT.APS.20	Mechanisms of Atherosclerosis*	Zone 1, Science and Technology Hall
AT.APS.21	Hemostasis, Thrombosis and Fibrinolysis*				
AT.APS.22	Vascular Differentiation and Regeneration II*				
AT.APS.23	Atherosclerosis Initiation and Differentiation*				
Cardiovascular Seminar		2:00 PM - 3:15 PM	AT.APS.24	Endothelial Function and Vascular Disease*	126B
			AT.CVS.304	Modern Mechanobiology: From Genomics to Discovering Therapeutic Targets	
Moderated Digital Posters		2:05 PM - 2:55 PM	AT.MDP60	Thrombosis and Hemostasis: Mechanisms, Outcomes and Treatment*	Moderated Posters 4, Science and Technology Hall
			AT.MDP63	Angiogenesis and Arteriogenesis*	Moderated Posters 5, Science and Technology Hall

\*Not a CME/CE accredited session.

## Basic Science

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Cardiovascular Seminar	11/18/2019	3:45 PM - 5:00 PM	AT.CVS.137	Crosstalk Between Lipids and Immune Cells in Cardiovascular Disease	126B
Hybrid		5:30 PM - 6:45 PM	AT.HB.471	Fighting the Fire of Inflammation: Yay or Nay?	126A
			AT.HB.472	Lipid Lowering and Lipoprotein Function in Clinical Studies	126B

## CARDIAC DEVELOPMENT, STRUCTURE AND FUNCTION

Moderated Digital Posters	11/16/2019	12:30 PM - 1:10 PM	CA.MDP13	Cell/Exosome Therapy*	Moderated Posters 5, Science and Technology Hall
Abstract Poster Session		1:30 PM - 2:00 PM	CA.LBBS.APS	Late-Breaking Basic Science Posters*	Zone 4, Science and Technology Hall
Abstract Oral Session		3:45 PM - 5:00 PM	CA.AOS.531	Louis N. and Arnold M. Katz Basic Science Research Prize for Early Career Investigators Competition	113BC
Abstract Poster Session		4:30 PM - 5:00 PM	CA.APS.01	Ventricular Function: Mechanisms and Imaging*	Zone 1, Science and Technology Hall
Abstract Oral Session		5:30 PM - 6:45 PM	CA.AOS.535	Melvin L. Marcus Early Career Investigator Award in Cardiovascular Sciences Competition	113BC

\*Not a CME/CE accredited session.



Abstract Oral Session	11/17/2019	10:45 AM - 12:00 PM	CA.AOS.537	Stop and Go: Cardiomyocyte Proliferation	120A
Abstract Rapid Fire Oral		11:35 AM - 12:25 PM	CA.RFO18	Cardiac Development: Everything your Parents Never Told You*	Zone 1, Science and Technology Hall
Moderated Digital Posters			CA.MDP35	Heart Failure*	Moderated Posters 4, Science and Technology Hall
Abstract Poster Session		12:30 PM - 1:00 PM	CA.APS.02	iPS Cells*	Zone 1, Science and Technology Hall
			CA.APS.03	Stem Cells*	
Cardiovascular Seminar		2:00 PM - 3:15 PM	CA.CVS.101	Leveraging Social Media for Learning/Networking/Advocating in Cardiovascular Science	121C
Moderated Digital Posters		2:10 PM - 3:00 PM	CA.MDP42	Myocardial Ischemia/Reperfusion Injury*	Moderated Posters 6, Science and Technology Hall
Best of AHA Specialty Conferences		3:00 PM - 3:30 PM	BASC.02	Best of AHA Specialty Conferences: BCVS 2019*	Best of Specialty Conferences, Science and Technology Hall
Abstract Oral Session		3:45 PM - 5:00 PM	CA.AOS.532	We Now Return to Our Regularly Scheduled Programming... for Cardiomyocytes	103B
			CA.AOS.536	Thomas Smith Memorial Lecture	120C
Cardiovascular Seminar			CA.CVS.396	Emerging Concepts in HFpEF	119AB
Abstract Oral Session		5:30 PM - 6:45 PM	CA.AOS.539	George E. Brown Memorial Lecture	

\*Not a CME/CE accredited session.

Basic Science

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION	
Abstract Oral Session	11/18/2019	7:15 AM - 8:30 AM	CA.AOS.549	Epigenetics? THAT'S How the Liberty Bell was Really Cracked!	120A	
Cardiovascular Seminar			CA.CVS.115	Calcium Release Refractoriness and Calcium Alternans: Emerging Views	119AB	
Abstract Poster Session		10:45 AM - 12:00 PM	CA.CVS.17	Cardiac Morphogenesis and Implications in Congenital Heart Disease	Zone 1, Science and Technology Hall	
Abstract Rapid Fire Oral		11:30 AM - 12:00 PM	CA.APS.05	Cardiac Fibrosis and Inflammation*		
Abstract Poster Session		12:40 PM - 1:30 PM	CA.RFO30	Big Love, Big Myocytes*	Zone 1, Science and Technology Hall	
Abstract Poster Session		1:30 PM - 2:00 PM	CA.APS.06	Myocardial Ischemia*		
Abstract Oral Session		2:00 PM - 3:15 PM	CA.APS.07	Cardiovascular Development, Rescue, and Regeneration*	120A	
Cardiovascular Seminar			CA.AOS.548	A Cornucopia of Approaches to Treat the Failing Heart: Without Tofurkey		
Abstract Oral Session		3:45 PM - 5:00 PM	CA.CVS.249	RNA-Based Regulation of Cardiac Remodeling	120C	
Abstract Oral Session			CA.CVS.26	Frontiers in Exosome Biology	119AB	
Abstract Oral Session				CA.LBBS.AOS.551	Late Breaking Basic Science 1	111AB

\*Not a CME/CE accredited session.

Cardiovascular Seminar	11/18/2019	5:30 PM - 6:45 PM	CA.CVS.213	Making Spare Parts - Engineered Tissue for Cardiac Repair	119AB
Abstract Oral Session			CA.LBBS. AOS.553	Late Breaking Basic Science 2	111AB

## CELLULAR BIOLOGY

Abstract Rapid Fire Oral	11/16/2019	2:15 PM - 3:05 PM	CE.RFO2	New Insights into Making Cardiomyocytes*	Zone 1, Science and Technology Hall
Moderated Digital Posters			CE.MDP17	No Letters, No Burning...Just the Flames of Inflammation*	Moderated Posters 6, Science and Technology Hall
Sunday Morning Program	11/17/2019	7:15 AM - 10:15 AM	CE.SMP.111	Mom, Where Do Baby Cardiac Myocytes Come From?	120C
			CE.SMP.299	Omics Approaches in Cardiovascular Medicine	120B
			CE.SMP.40	Novel Inflammation and Resolution Pathways in Heart Disease	119AB
Cardiovascular Seminar		10:45 AM - 12:00 PM	CE.CVS.456	Cardiac Fibrosis: Regulation and Roles in the Stressed Heart	120C
Abstract Poster Session		12:30 PM - 1:00 PM	CE.APS.01	Cardiomyocytes and Left Ventricular Dysfunction*	Zone 1, Science and Technology Hall
			CE.APS.02	Apoptosis, Necrosis, and Autophagy*	
			CE.APS.03	Signaling 1*	

\*Not a CME/CE accredited session.

Basic Science

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Oral Session	11/17/2019	2:00 PM - 3:15 PM	CE.AOS.541	Wait, So Not All Inflammation Is Bad?	120A
Abstract Poster Session		3:00 PM - 3:30 PM	CE.APS.04	Immune Cells*	Zone 1, Science and Technology Hall
			CE.APS.05	Exosomes*	
			CE.APS.06	Fibrosis*	
			CE.APS.07	Mitochondria*	
Cardiovascular Seminar	11/18/2019	7:15 AM - 8:30 AM	CE.CVS.100	Young at Heart: Mechanisms Underlying Cardiac Aging	120B
Abstract Oral Session		9:00 AM - 10:15 AM	CE.CVS.455	The Future of Cell-Based Therapies	120C
			CE.AOS.546	Myofibroblast: The New "F" Word	111AB
Cardiovascular Seminar			CE.CVS.231	Recent Advances in Hypertrophic Cardiomyopathy: Pathways to Treatments	119AB
Abstract Rapid Fire Oral		10:30 AM - 11:20 AM	CE.RFO29	Epigenetics and Gene Regulation*	Zone 1, Science and Technology Hall
Moderated Digital Posters		12:40 PM - 1:30 PM	CE.MDP65	Always Being Right: The RV and Pulmonary Hypertension*	Moderated Posters 6, Science and Technology Hall
Cardiovascular Seminar			CE.CVS.229	Maintaining Protein Integrity Under Stress	119AB
Abstract Oral Session		5:30 PM - 6:45 PM	CE.AOS.542	So Many Ways for the Heart to Fail, But So Few to Rescue It	120A

\*Not a CME/CE accredited session.

## CROSS SPECIALTY

Cardiovascular Seminar	11/18/2019	9:00 AM - 12:00 PM	CS.CVS.101	Circulation and Circulation Research: Pulling Back the Scientific Publishing Curtain	204C
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## DRUG DISCOVERY

Moderated Digital Posters	11/16/2019	2:15 PM - 3:05 PM	DD.MDP11	On the Road to Translation: Moving Beyond Rodents*	Moderated Posters 4, Science and Technology Hall
Cardiovascular Seminar	11/17/2019	10:45 AM - 12:00 PM	DD.CVS.18	What Are We Doing About Rare Cardiovascular Diseases?	120B
Abstract Poster Session		3:00 PM - 3:30 PM	DD.APS.01	Drug Discovery and Targets in LV Dysfunction*	Zone 1, Science and Technology Hall
Moderated Digital Posters	11/18/2019	12:40 PM - 1:30 PM	DD.MDP59	Cardioprotection*	Moderated Posters 4, Science and Technology Hall

## GENETICS AND GENOMICS

Moderated Digital Posters	11/16/2019	12:30 PM - 1:20 PM	GE.MDP16	Metabolomics and Proteomics*	Moderated Posters 6, Science and Technology Hall
Abstract Poster Session		1:30 PM - 2:00 PM	GE.APS.01	Genetic Epidemiology, Genomics, and Pharmacogenomics I*	Zone 1, Science and Technology Hall

\*Not a CME/CE accredited session.

Basic Science

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/16/2019	4:30 PM - 5:00 PM	GE.APS.02	Genetic Epidemiology, Genomics, and Pharmacogenomics II*	Zone 1, Science and Technology Hall
Moderated Digital Posters		5:10 PM - 6:00 PM	GE.MDP18	DMD*	Moderated Posters 6, Science and Technology Hall
Abstract Oral Session		5:30 PM - 6:30 PM	GE.AOS.581	Genomic and Precision Medicine Early Career Investigator Award Competition	126A
Sunday Morning Program	11/17/2019	7:15 AM - 10:15 AM	GE.SMP.336	Clinical Genomics Boot Camp	121C
Abstract Rapid Fire Oral		10:30 AM - 11:20 AM	GE.RFO17	Polygenic Risk Scores*	Zone 1, Science and Technology Hall
Moderated Digital Posters			GE.MDP37	Mend Thyself*	Moderated Posters 5, Science and Technology Hall
Cardiovascular Seminar		2:00 PM - 3:15 PM	GE.CVS.364	Clinical Dilemmas in Cardiovascular Genetics	120B
Moderated Digital Posters		2:10 PM - 3:00 PM	GE.MDP39	Cardiovascular Genomic Medicine*	Moderated Posters 5, Science and Technology Hall
Cardiovascular Seminar		5:30 PM - 6:45 PM	GE.CVS.404	Designing and Conducting Clinical Trials in Rare Cardiac Disease	120B
	11/18/2019	9:00 AM - 10:15 AM	GE.CVS.337	New Uses of Genetics for Risk Prediction and Therapies	121C

\*Not a CME/CE accredited session.

Moderated Digital Posters	11/18/2019	10:30 AM - 11:20 AM	GE.MDP64	Genome Editing to Validate Cardiovascular Targets*	Moderated Posters 6, Science and Technology Hall
Cardiovascular Seminar		10:45 AM - 12:00 PM	GE.CVS.245	Genome-Environment Regulation in Congenital Heart Defects	121C
Abstract Poster Session		11:30 AM - 12:00 PM	GE.APS.03	Gene Expression and Cardiovascular Phenotypes*	Zone 1, Science and Technology Hall
		1:30 PM - 2:00 PM	GE.APS.04	Functional Studies of Cardiovascular Disease*	
Abstract Oral Session			GE.APS.05	Unbiased Omics*	
		2:00 PM - 3:15 PM	GE.AOS.582	Genomic and Epidemiology Mid-Career Research Award and Lecture	121C
Abstract Rapid Fire Oral		2:05 PM - 2:55 PM	GE.RFO31	Epigenetic Regulation of Cardiovascular Disease*	Zone 1, Science and Technology Hall
Moderated Digital Posters			GE.MDP66	Large-Scale Biobanks and Whole-Genome Sequencing Studies*	Moderated Posters 6, Science and Technology Hall

## METABOLISM AND PHYSIOLOGY

Abstract Poster Session	11/16/2019	1:30 PM - 2:00 PM	MP.APS.01	Diabetes*	Zone 1, Science and Technology Hall
		4:30 PM - 5:00 PM	MP.APS.02	Integration of Lifestyle, Treatment, and Disease*	

\*Not a CME/CE accredited session.

Basic Science

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Sunday Morning Program	11/17/2019	7:15 AM - 10:15 AM	MP.SMP.94	Mitochondria as Mediators and Therapeutic Targets in Heart Failure	120A
Moderated Digital Posters		11:35 AM - 12:25 PM	MP.MDP38	Experimental Ischemia*	Moderated Posters 5, Science and Technology Hall
Abstract Poster Session		12:30 PM - 1:00 PM	MP.APS.03	Kidney and Endocrine Interactions in Cardiovascular Disease*	Zone 1, Science and Technology Hall
Cardiovascular Seminar		2:00 PM - 3:15 PM	MP.CVS.164	Cardiac Remodeling is All About Metabolism	120C
Abstract Oral Session		3:45 PM - 5:00 PM	MP.CVS.252	The Exposome and Cardiometabolic Health	119AB
			MP.AOS.547	Metabolism: PSSST It's Not Just About ATP	120B
		5:30 PM - 6:45 PM	MP.AOS.552	Cardiovascular, Kidney, and Endocrine interactions: Selected Oral Abstracts	120C
Cardiovascular Seminar	11/18/2019	9:00 AM - 10:15 AM	MP.CVS.385	Power Play: New Insights into Mitochondria	
Moderated Digital Posters		10:30 AM - 11:20 AM	MP.MDP58	Metabolism*	Moderated Posters 4, Science and Technology Hall
Cardiovascular Seminar		10:45 AM - 12:00 PM	MP.CVS.138	Epigenetic Regulation of Cardiovascular Disease	120C
Abstract Oral Session		3:45 PM - 5:00 PM	MP.AOS.544	Winter is Coming...and So Is Cell Death	120A

\*Not a CME/CE accredited session.



## SIGNALING

Abstract Poster Session	11/16/2019	1:30 PM - 2:00 PM	SI.APS.01	Cell and Tissue Engineering*	Zone 1, Science and Technology Hall
Moderated Digital Posters		5:10 PM - 6:00 PM	SI.MDP12	New Frontiers in Cell Therapy*	Moderated Posters 4, Science and Technology Hall
Cardiovascular Seminar	11/18/2019	10:45 AM - 12:00 PM	SI.CVS.181	Emerging Roles for Protein Phosphatases in Cardiac Physiology and Disease	120B

## ACUTE CORONARY SYNDROMES

Cardiovascular Seminar	11/16/2019	7:15 AM - 8:30 AM	AC.CVS.82	Microvascular Coronary Disease: Update for the Practicing Clinician	103A
		9:00 AM - 10:15 AM	AC.CVS.372	Meet the Experts: Challenges in STEMI Management	
Abstract Oral Session		10:45 AM - 12:00 PM	AC.AOS.490	ACS & Interventional Oral Abstracts	
Abstract Rapid Fire Oral		12:30 PM - 1:20 PM	AC.RFO5	Can We Sail the Ship to from Tempestuous Seas to Safe Harbor!*	Zone 2, Science and Technology Hall
Moderated Digital Posters			AC.MDP1	Improving Outcomes Following Acute Myocardial Injury: How Do We Get Better?*	Moderated Posters 1, Science and Technology Hall
Abstract Poster Session		1:30 PM - 2:00 PM	AC.APS.01	Chronic Ischemic Heart Disease*	Zone 4, Science and Technology Hall

\*Not a CME/CE accredited session.

Clinical Science

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/16/2019	1:30 PM - 2:00 PM	AC.APS.02	Biomarkers II*	Zone 4, Science and Technology Hall
Cardiovascular Seminar		2:00 PM - 3:15 PM	AC.CVS.430	Debates in Cardiogenic Shock	103A
Moderated Digital Posters		2:15 PM - 3:05 PM	AC.MDP2	Uncommon Causes of Cardiovascular Morbidity*	Moderated Posters 1, Science and Technology Hall
Cardiovascular Seminar		3:45 PM - 5:00 PM	AC.CVS.352	Great Debates in the Treatment of Patients with Stable Ischemic Heart Disease	103A
Abstract Poster Session		4:30 PM - 5:00 PM	AC.APS.03	Biomarkers III*	Zone 4, Science and Technology Hall
Moderated Digital Posters		5:10 PM - 6:00 PM	AC.MDP3	Biomarkers I*	Moderated Posters 1, Science and Technology Hall
Cardiovascular Seminar		7:15 AM - 8:30 AM	AC.CVS.256	Challenging Cardiovascular Paradigms in Cancer Patients: Do the Guidelines Apply?	103A
		9:00 AM - 10:15 AM	AC.CVS.450	Strategies to Reduce Risk in the Post MI Patient	
		10:45 AM - 12:00 PM	AC.CVS.233	Ischemia-reperfusion Injury: Novel Drugs Open a Window to the Future!	
Abstract Poster Session			12:30 PM - 1:00 PM	AC.APS.04	Prognosis and Therapies for Acute Coronary Syndromes I*

\*Not a CME/CE accredited session.

Cardiovascular Seminar	11/17/2019	2:00 PM - 3:15 PM	AC.CVS.452	Conundrums in the Use of Anti-platelet and Anti-thrombotic Therapy	103A
Abstract Poster Session		3:00 PM - 3:30 PM	AC.APS.05	New Twists in Diagnosis & Risk Assessment in ACS*	Zone 4, Science and Technology Hall
Cardiovascular Seminar		3:45 PM - 5:00 PM	AC.CVS.560	ACS Networking Session	Terrace Ballroom IV
		5:30 PM - 6:45 PM	AC.CVS.457	Challenges in Non ST Elevation ACS	103A
Abstract Poster Session	11/18/2019	11:30 AM - 12:00 PM	AC.APS.06	STEMI: From First Response to Post-infarct Prognostication*	Zone 4, Science and Technology Hall
			AC.APS.07	Non Atherosclerotic Causes of Cardiovascular Compromise*	
			AC.APS.08	Cardiovascular Vulnerability: New Insights.*	
			AC.APS.09	Where Did The Thrombus Come From?*	
			AC.APS.10	Acute Coronary Syndromes: Plunging the Depths of Pathobiology*	
			AC.APS.11	Tools for Predicting and Modifying Cardiovascular Risk*	
		1:30 PM - 2:00 PM	AC.APS.12	Prognosis and Therapies for Acute Coronary Syndromes II*	
			AC.APS.13	Novel Insights Into Reducing Cardiovascular Risk*	
			AC.APS.14	Optimizing Care for the Most Vulnerable*	
			AC.APS.15	Risk Following ACS: Danger Lurks Everywhere!*	

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/18/2019	1:30 PM - 2:00 PM	AC.APS.16	Biomarkers IV*	Zone 4, Science and Technology Hall
			AC.APS.17	Revascularization Strategies for Acute Myocardial Infarction*	
Cardiovascular Seminar		2:00 PM - 3:15 PM	AC.CVS.79	State (and the Art) of the Cardiac Intensive Care Unit (CICU)	103A
Abstract Oral Session		3:45 PM - 5:00 PM	AC.AOS.491	Biomarkers: To STEMI and Beyond!	

## CARDIO-ONCOLOGY

Cardiovascular Seminar	11/18/2019	7:30 AM - 8:45 AM	CO.CVS.619	Novel Concepts in Cardio-Oncology	204AB
		9:00 AM - 10:15 AM	CO.CVS.620	Cardio-Oncology Debates	

\*Not a CME/CE accredited session.

## CONGENITAL HEART DISEASE AND PEDIATRIC CARDIOLOGY

Cardiovascular Seminar	11/16/2019	7:15 AM - 8:30 AM	CH.CVS.34	Stress and Coping with Congenital Heart Disease - What Lessons have we Learned?	111AB
			CH.CVS.427	New Kids on the Block: Expanding Frontiers in Pediatric Cardiology	112AB
Abstract Oral Session		9:00 AM - 10:15 AM	CH.AOS.501	Young Hearts Early Career Investigator Competition and Rashkind Lecture	113BC
Cardiovascular Seminar			CH.CVS.399	Genetic Determinants and Outcomes in Congenital Heart Disease	112AB
			CH.CVS.403	Miniaturization and Task-Shifting of Echocardiography: Promise or Fear?	111AB
			CH.CVS.35	FH in Children - What Children / Families Want From Providers?	
Abstract Poster Session		1:30 PM - 2:00 PM	CH.CVS.416	Advances in Fontan Management	112AB
			CH.APS.01	Translational Research in Congenital Heart Disease*	Zone 4, Science and Technology Hall
			CH.APS.02	Pediatric Prevention & Acquired Vasculopathies*	
			CH.APS.03	New Discoveries in Clinical Pediatric Electrophysiology*	
	CH.APS.04	Risk Assessment in Adults with Tetralogy of Fallot Beyond Right Ventricular Size*			

\*Not a CME/CE accredited session.

**Clinical Science**

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/16/2019	1:30 PM - 2:00 PM	CH.APS.05	Congenital Heart Surgery II*	Zone 4, Science and Technology Hall
Abstract Oral Session		2:00 PM - 3:15 PM	CH.AOS.483	Fontan Circulation: Improved Understanding of Long-Term Outcomes and Screening Measures	111AB
Cardiovascular Seminar			CH.CVS.414	Congenital Aortic Valve Disease	112AB
Abstract Rapid Fire Oral		2:15 PM - 3:05 PM	CH.RFO6	Clinical Interventional Cardiology & Electrophysiology*	Zone 2, Science and Technology Hall
		3:15 PM - 4:05 PM	CH.RFO7	Cardiac and NonCardiac Consequences in Adults with Congenital Heart Disease*	
Abstract Oral Session		3:45 PM - 5:00 PM	CH.AOS.496	T. Duckett Jones Memorial Lecture	Nutter Theatre
Abstract Poster Session		4:30 PM - 5:00 PM	CH.APS.06	Pediatric Sudden Cardiac Death*	Zone 4, Science and Technology Hall
			CH.APS.07	Fontan Survivorship: Predicting Outcomes in Adults with the Fontan Circulation*	
			CH.APS.08	Where do Babies (with CHD) Come From? What's New in Fetal Cardiology*	
		CH.APS.09	Evaluating Healthcare Utilization and Long-Term Outcomes in Adult Congenital Heart Disease*		

Abstract Poster Session	11/16/2019	4:30 PM - 5:00 PM	CH.APS.10	Simple or Not So Simple? Long Term Outcomes in Adult Patients with Septal Defects*	Zone 4, Science and Technology Hall
Cardiovascular Seminar		5:30 PM - 6:45 PM	CH.CVS.289	Lost in Transition: ACHD Burden, Registries and Strategies to Improve Healthcare Utilization in Adolescents and Adults with Congenital Heart Disease	111AB
			CH.CVS.55	World Cup of Pediatric Heart Failure: Great Debates with Audience Participation	112AB
Sunday Morning Program	11/17/2019	7:15 AM - 8:30 AM	CH.CVS.209	Running Up Hill: The Ups and Downs of Exercise Recommendations in Pediatric Cardiology	111AB
			CH.SMP.394	Pay Me Now or Pay Me Later: Late Consequences of Early Decisions	118A
Cardiovascular Seminar		9:00 AM - 10:15 AM	CH.CVS.196	First Annual Bongani Mayosi Memorial Lecture on Disparities in Global Cardiovascular Disease	111AB
			CH.CVS.441	My Favorite Mistake: Learning from Unexpected Adverse Outcomes	112AB
Moderated Digital Posters		11:35 AM - 12:25 PM	CH.CVS.451	Emerging Perspectives on Referral for Advanced Cardiac Therapies and Transplantation	111AB
			CH.MDP26	New Perspectives on Understanding Long-term Outcomes in Tetralogy of Fallot*	Moderated Posters 1, Science and Technology Hall
Abstract Poster Session		12:30 PM - 1:00 PM	CH.APS.11	Treatments and Outcomes in Congenital Heart Disease*	Zone 4, Science and Technology Hall

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/17/2019	12:30 PM - 1:00 PM	CH.APS.12	Man vs. Machine: Tech in Kids*	Zone 4, Science and Technology Hall
Abstract Oral Session		2:00 PM - 3:15 PM	CH.AOS.484	Pediatric/Congenital Oral Abstracts - Top Basic/Translational Science	111AB
Cardiovascular Seminar			CH.CVS.446	State-of-the-Art Approaches to Evaluation and Treatment of Coarctation of the Aorta	112AB
Abstract Poster Session		3:00 PM - 3:30 PM	CH.APS.13	Technical Issues in Congenital Heart Surgery*	Zone 4, Science and Technology Hall
			CH.APS.14	Fontan 2020*	
Cardiovascular Seminar		3:45 PM - 5:00 PM	CH.APS.15	Congenital Heart Disease*	111AB
			CH.CVS.422	Controversies in Health Policy for Congenital Heart Disease	
			CH.CVS.486	The Team Approach to Congenital Heart Disease: Interventional and Surgical Collaboration	
Abstract Oral Session	11/18/2019	7:15 AM - 8:30 AM	CH.AOS.500	Pediatric/Congenital Oral Abstracts - Top Clinical Science	112AB
		9:00 AM - 10:15 AM	CH.CVS.506	Adult Congenital Heart Disease for The General Cardiologist	
Cardiovascular Seminar		9:00 AM - 12:00 PM	CH.CVS.608	A Personalized Approach to Heart Disease in Children	201AB

\*Not a CME/CE accredited session.



Abstract Rapid Fire Oral	11/18/2019	10:30 AM – 11:20 AM	CH.RFO.32	Outcomes Research in Congenital Cardiology*	Zone 2, Science and Technology Hall
Abstract Poster Session		11:30 AM - 12:00 PM	CH.APS.16	Pediatric Heart Failure and Transplant*	Zone 4, Science and Technology Hall
			CH.APS.17	Valves and Thrombosis*	
		1:30 PM - 2:00 PM	CH.APS.18	Well Being in CHD*	
			CH.APS.19	Non-congenital Pediatric Cardiology*	
			CH.APS.20	See the Heart: Optimizing Imaging of the Congenital Heart*	
CH.APS.21	Understanding Pediatric Heart Disease*				

## CROSS SPECIALTY

Sunday Morning Program	11/17/2019	7:15 AM - 10:15 AM	CS.SMP.100	Circulation: Innovation in Cardiovascular Science and Medicine	Nutter Theatre
Cardiovascular Seminar		8:00 AM - 5:00 PM	CS.CVS.1643	State of Art Cardiovascular Care Seminar 2019	118A

\*Not a CME/CE accredited session.

Clinical Science

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
<b>ELECTROPHYSIOLOGY AND ARRHYTHMIAS</b>					
Cardiovascular Seminar	11/16/2019	7:15 AM - 8:30 AM	EA.CVS.189	Postural Tachycardia Syndrome, Orthostatic Hypotension, and Autonomic Dysfunction: A Multi-Disciplinary Case Based Approach	113BC
Abstract Oral Session		9:00 AM - 10:15 AM	EA.AOS.495	Samuel A. Levine Early Career Clinical Investigator Award Competition	107AB
Hall		9:30 AM - 10:15 AM	EP.HT.11	Meet & Greet for EP Community*	EP Central
		10:45 AM - 11:30 AM	EP.HT.08	Device Troubleshooting*	
Cardiovascular Seminar		10:45 AM - 12:00 PM	EA.CVS.220	Atrial Fibrillation: How to Manage Complex Clinical Scenarios	113BC
Hall			EA.HT.54	ECG Jeopardy*	Game Central
		12:30 PM - 1:15 PM	EP.HT.01	Ask the Experts - How Do I Manage This Inherited Arrhythmia Disorder?*	EP Central
Abstract Rapid Fire Oral		12:30 PM - 1:20 PM	EA.RFO9	Atrial Fibrillation- Monitoring and Special Risk Groups*	Zone 4, Science and Technology Hall
Moderated Digital Posters			EA.MDP4	Is Use of Artificial Intelligence Helpful in Solving Arrhythmia Challenges?*	Moderated Posters 2, Science and Technology Hall

\*Not a CME/CE accredited session.

Abstract Poster Session	11/16/2019	1:30 PM - 2:00 PM	EA.APS.01 EA.APS.02 EA.APS.03 EA.CVS.459 EA.RFO10 EA.MDP5 EA.CVS.64 EA.APS.06 EA.APS.07 EA.RFO8 EA.MDP6	ICD and Pacemaker Therapy* Insights into Cardiac Dysrhythmias* Ventricular Arrhythmias Risks and Substrates* Real Life Case Demonstrations - What Happens in the EP Lab Doesn't Stay in the EP Lab Strategies for Preventing Stroke in Atrial Fibrillation* Arrhythmia Detection- Novel Approaches* Guideline Essentials - Top 5 Points from Recent Guideline/ Consensus Document You Need to Know Cardiac Implantable Electrical Device Management* Atrial Fibrillation Risk Markers* AF Ablation: What Can We Do to Improve Safety and Effectiveness?*	Zone 2, Science and Technology Hall    113BC  Zone 4, Science and Technology Hall Moderated Posters 2, Science and Technology Hall Heart Theatre  Zone 2, Science and Technology Hall   Moderated Posters 2, Science and Technology Hall EP Central 108A
Cardiovascular Seminar		2:00 PM - 3:15 PM			
Abstract Rapid Fire Oral		2:15 PM - 3:05 PM			
Moderated Digital Posters		3:45 PM - 5:00 PM			
Cardiovascular Seminar		4:30 PM - 5:00 PM			
Abstract Poster Session		5:10 PM - 6:00 PM			
Abstract Rapid Fire Oral		5:30 PM - 6:15 PM			
Moderated Digital Posters		5:30 PM - 6:45 PM			
Hall					
Cardiovascular Seminar					

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Oral Session	11/17/2019	7:15 AM - 8:30 AM	EA.AOS.467	Advances in Novel Ablation Technologies	103B
Cardiovascular Seminar			EA.CVS.212	Life in the Fast and Slow Lane: A Practical Approach to the Identification and Management of Acute Arrhythmias	113A
		9:00 AM - 10:15 AM	EA.CVS.106	The Many Faces of Syncope - How to Manage a Complex Evaluation	113BC
Hall		10:45 AM - 11:30 AM	EP.HT.02	TED Style Talks - The Future of EP: Science and Math in Arrhythmia Innovation 1	EP Central
			EA.CVS.48	New Insights into Stroke in Atrial Fibrillation	113A
Cardiovascular Seminar		10:45 AM - 12:00 PM	EA.CVS.389	Rapid Fire: Hearts Prone to Misfire: Management of Arrhythmias in Challenging Cardiomyopathies	
Hall		11:00 AM - 12:00 PM	EA.HT.591	Circulation: Arrhythmia & Electrophysiology - Article Highlights and How to Get Published*	204AB
Abstract Poster Session		12:30 PM - 1:00 PM	EA.APS.08	What's New in Pacing?*	Zone 2, Science and Technology Hall
			EA.APS.09	Electrophysiology and Arrhythmias I*	
			EA.APS.10	Atrial Fibrillation Ablation I*	
			EA.APS.11	Electrophysiology and Arrhythmias II*	

\*Not a CME/CE accredited session.

Abstract Poster Session	11/17/2019	12:30 PM - 1:00 PM	EA.APS.12	Molecular Targets for Arrhythmias*	Zone 2, Science and Technology Hall
			EA.APS.13	Pharmacologic Therapy of Arrhythmias*	
Hall	11/17/2019	2:00 PM - 2:45 PM	EP.HT.04	Why and How to Implement Lifestyle and Risk Factor Modification for AF in Your Practice – An Expert Panel Discussion*	EP Central
			EA.CVS.182	Should I Refer My Patient for the Newest Technologies in Arrhythmia Management? What's Ready for Prime Time and What's Still Too Risky?	
Cardiovascular Seminar	11/17/2019	2:00 PM - 3:15 PM	EA.CVS.73	What Does the 2019 Focused Update of AF Guidelines Teach Us About Anti-coagulation Challenges?	113BC
			EA.MDP27	Ventricular Arrhythmias/ SCD- Device and Patient Concerns*	
Moderated Digital Posters	11/17/2019	2:10 PM - 3:00 PM	EA.APS.14	Arrhythmia Risk Stratification*	Heart Theatre
			EA.APS.18	Atrial Fibrillation Ablation II*	
Abstract Poster Session	11/17/2019	3:00 PM - 3:30 PM	EA.APS.15	Atrial Fibrillation Ablation III*	Moderated Posters 1, Science and Technology Hall
			EA.APS.16	Arrhythmia in Genetic and Hereditary Cardiac Conditions*	
			EA.APS.17	Arrhythmia Analysis*	
			EA.APS.19	Pharmacologic Treatment of Arrhythmias*	

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/17/2019	3:00 PM - 3:30 PM	EA.APS.20	Mechanisms and Therapeutic Approaches to Ventricular Arrhythmias*	Zone 2, Science and Technology Hall
			EA.APS.21	Electrophysiology and Arrhythmias III*	
			EA.APS.22	ICD Management Issues*	
Hall		3:00 PM - 4:00 PM	EA.HT.593	You and Your EP Connections: Social Media, Apps, and Tools for the Busy Clinician*	Game Central
		3:45 PM - 4:45 PM	EA.HT.67	Separating the Wheat from the Chaff - the EP Approach to Nonspecific Symptoms*	113A
Abstract Oral Session		3:45 PM - 5:00 PM	EA.AOS.468	Issues in Atrial Ablation Management	
Cardiovascular Seminar			EA.CVS.56	Controversies Involving Genetic Arrhythmia Syndromes	113BC
Hall		4:00 PM - 5:00 PM	EA.HT.592	EP Jeopardy with Audience Play Too*	Game Central
Abstract Oral Session		5:30 PM - 6:45 PM	EA.AOS.469	New Drug Approaches for Arrhythmia Management	113A
Cardiovascular Seminar			EA.CVS.71	New Insights into Arrhythmias and Cognitive Function	113BC
Hall	11/18/2019	9:30 AM - 10:15 AM	EP.HT.06	Sudden Cardiac Death: Ask the Experts*	EP Central
Abstract Poster Session		11:30 AM - 12:00 PM	EA.APS.23	Cardiac Resynchronization Therapy Optimization and Outcomes*	Zone 2, Science and Technology Hall

\*Not a CME/CE accredited session.

Abstract Poster Session	11/18/2019	11:30 AM - 12:00 PM	EA.APS.24	Ventricular Arrhythmias Risk Factor Evaluation and Predictors*	Zone 2, Science and Technology Hall				
			EA.APS.25	New Insights into Atrial and Supraventricular Arrhythmias*					
			EA.APS.26	Cardiac Arrhythmia- Valvular Heart Disease/Risk Factors*					
			EA.APS.27	Survival and Outcomes in ICD Patients*					
			EA.APS.28	Cardiac Arrhythmia in Special Patient Populations with Noncardiac Conditions*					
			EA.APS.29	Issues in Anticoagulation Therapy for Arrhythmias*					
			EP.HT.07	Tackling Challenging Atrial Arrhythmias in the EP Lab - Tips and Pearls from the Experts*					
Hall		12:30 PM - 1:15 PM	EA.APS.30	New Insights into Ventricular Arrhythmia Ablation*	EP Central				
			EA.APS.31	Atrial Fibrillation- Risk Stratifiers and Advances in Diagnostics*					
			EA.APS.32	Predicting and Improving Atrial Fibrillation Ablation Outcomes*					
			EA.APS.33	Arrhythmias in Heart Failure and Systemic Disease*					
			EA.APS.34	Atrial Fibrillation Diagnostic Monitoring*					
			EA.APS.35	Improving Outcomes in Arrhythmia Patients*					
			Abstract Poster Session			1:30 PM - 2:00 PM	EA.APS.30	New Insights into Ventricular Arrhythmia Ablation*	Zone 2, Science and Technology Hall
							EA.APS.31	Atrial Fibrillation- Risk Stratifiers and Advances in Diagnostics*	
EA.APS.32	Predicting and Improving Atrial Fibrillation Ablation Outcomes*								
EA.APS.33	Arrhythmias in Heart Failure and Systemic Disease*								
EA.APS.34	Atrial Fibrillation Diagnostic Monitoring*								
EA.APS.35	Improving Outcomes in Arrhythmia Patients*								

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/18/2019	1:30 PM - 2:00 PM	EA.APS.36	Minimizing Complications of EP Procedures*	Zone 2, Science and Technology Hall
			EA.APS.37	Ventricular Tachycardia Ablation*	
			EA.APS.38	Factors Impacting Outcomes in AF Ablation*	
Hall		2:00 PM - 2:45 PM	EP.HT.09	Follow-up Discussion: What I Learned from AHA 2019*	EP Central
Cardiovascular Seminar		2:00 PM-3:15 PM	EA.CVS.1642	New Scientific Statements on Atrial Arrhythmias	102AB

## EPIDEMIOLOGY, BIG DATA AND PRECISION MEDICINE

Abstract Oral Session	11/16/2019	9:00 AM - 10:15 AM	EP.AOS.570	Big Data Approaches for Cardiovascular Risk	201C
		10:45 AM - 12:00 PM	EP.AOS.521	Elizabeth Barrett-Connor Research Award for Early Career Investigators in Training Competition	
		5:30 PM - 6:45 PM	EP.AOS.519	Ansel Keys Memorial Lecture	

\*Not a CME/CE accredited session.



## HEART FAILURE AND CARDIOMYOPATHIES

Cardiovascular Seminar	11/16/2019	7:15 AM - 8:30 AM	HF.CVS.419	HFpEF: What's New, What's Exciting, What May Work	105AB
Abstract Oral Session		9:00 AM - 10:15 AM	HF.CVS.367	Mechanical Hemodynamic Support for Cardiogenic Shock in the Modern Era	109AB
		10:30 AM - 12:15 PM	HF.AOS.497	Laennec Clinician-Educator Award & Lecture/ Laennec Fellows in Training (FIT) Clinician Award Competition	
Moderated Digital Posters		12:30 PM - 1:20 PM	HF.MDP10	Heart Failure III*	Moderated Posters 4, Science and Technology Hall
Abstract Poster Session		1:30 PM - 2:00 PM	HF.APS.01	Management of Pericarditis*	Zone 2, Science and Technology Hall
			HF.APS.02	Care at the End-of-Life: Yes, We Can Still Help*	
			HF.APS.03	Assessing Prognosis in Heart Failure*	
			HF.APS.04	Beyond Ischemic Cardiomyopathy*	
			HF.APS.48	Heart Failure: Risk Prediction*	
Abstract Rapid Fire Oral		3:15 PM - 4:05 PM	HF.RFO11	Best Heart Failure Abstracts: Pathophysiology*	Zone 4, Science and Technology Hall
Cardiovascular Seminar		3:45 PM - 5:00 PM	HF.CVS.98	The Road Home: Successful Treatment of Acute Decompensated Heart Failure	105AB
Abstract Poster Session		4:30 PM - 5:00 PM	HF.APS.05	Call in a Surgeon*	Zone 2, Science and Technology Hall

\*Not a CME/CE accredited session.

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SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/16/2019	4:30 PM - 5:00 PM	HF.APS.06	Heart Failure and Cardiomyopathies I*	Zone 2, Science and Technology Hall
			HF.APS.07	Prognostic Indicators for Valvular Heart Disease*	
			HF.APS.08	Devices and Medications: Improving HF care*	
			HF.APS.09	From Stage A to Stage D Heart Failure*	
Abstract Rapid Fire Oral		5:10 PM - 6:00 PM	HF.RFO12	The Best in Outcome in Heart Failure*	Zone 4, Science and Technology Hall
Cardiovascular Seminar		5:30 PM - 6:45 PM	HF.CVS.407	PechaKucha Potpourri: The Key Things You Need to Know About Interesting Cardiomyopathies	105AB
Sunday Morning Program	11/17/2019	7:15 AM - 10:15 AM	HF.SMP.348	Great Debates in Heart Failure	
Moderated Digital Posters		10:30 AM - 11:20 AM	HF.MDP28	Acute Decompensated Heart Failure*	Moderated Posters 2, Science and Technology Hall
Cardiovascular Seminar			HF.MDP40	Heart Failure II*	Moderated Posters 6, Science and Technology Hall
Moderated Digital Posters		10:45 AM - 12:00 PM	HF.CVS.401	Cast Your Vote! Should This Patient Get a Heart Transplant?	105AB
		11:35 AM - 12:25 PM	HF.MDP29	Understanding Variability of Outcomes in your Patients with Heart Failure and Cardiomyopathy*	Moderated Posters 2, Science and Technology Hall

\*Not a CME/CE accredited session.

Abstract Poster Session	11/17/2019	12:30 PM - 1:00 PM	HFpEF*	Zone 2, Science and Technology Hall	
			HF.APS.	Risk Stratification and Outcome in Heart Failure*	
			HF.APS.	Heart Failure Pathophysiology I*	
			HF.APS.	LVAD: Complications and Outcomes*	
			HF.APS.	Heart Failure and Cardiomyopathies II*	
			HF.APS.	Insights on Hypertrophic Cardiomyopathy*	
			HF.APS.	Less Common Types of Cardiomyopathy*	
			HF.APS.	Heart Failure Biomarkers*	
			HF.APS.	Insights into Cardiomyopathy*	
			HF.APS.	The Kidney in Heart Failure*	
			HF.APS.	Cardiopulmonary Exercise Testing*	
			HF.APS.	Prognosis and Outcome in Heart Failure*	
			HF.APS.	Adverse Risk Predictors in Heart Failure*	
			HF.APS.	Risk Factors for Development and Outcome of Heart Failure*	
Cardiovascular Seminar		2:00 PM - 3:15 PM	HF.CVS.406	LVADs and the Clinical Dilemmas that Flow our Way!	Terrace Ballroom IV

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Moderated Digital Posters	11/17/2019	2:10 PM - 3:00 PM	HF.MDP30	New Ways to Risk Stratify Patients with HF and Cardiomyopathy*	Moderated Posters 2, Science and Technology Hall
Abstract Poster Session		3:00 PM - 3:30 PM	HF.APS.24	Heart Failure I*	Zone 2, Science and Technology Hall
			HF.APS.25	Advances in Advanced Therapies*	
			HF.APS.26	COnccepts on Pericarditis and Myocarditis*	
			HF.APS.27	Management Strategies in CHF*	
			HF.APS.28	Factors Influencing Outcome in Heart Failure*	
			HF.APS.29	A Heart Failure/Cardiomyopathy Potpourri*	
			HF.APS.30	Brain-Heart Axis*	
Abstract Rapid Fire Oral		3:40 PM - 4:30 PM	HF.APS.31	Heart Failure Pathophysiology II*	
			HF.RFO22	Clinical Practice and Outcomes in Heart Failure*	
Moderated Digital Posters	11/18/2019	10:30 AM - 11:20 AM	HF.RFO35	Top Rated Abstracts in Heart Failure: Predictors and Biomarkers*	Zone 4, Science and Technology Hall
			HF.MDP49	Can We Find Targets for Medical Therapy of Valvular Heart Disease?*	Moderated Posters 1, Science and Technology Hall

\*Not a CME/CE accredited session.

Abstract Poster Session	11/18/2019	11:30 AM - 12:00 PM	HF.APS.32	Prognosis in Heart Failure/Cardiomyopathy*	Zone 2, Science and Technology Hall
			HF.APS.33	Novel Biomarkers and Applications to a Heart Failure Diagnosis and Management*	
			HF.APS.34	Pharmacological Approaches in HF and Cardiomyopathy: New Insights*	
			HF.APS.35	Hemodynamics in Heart Failure*	
			HF.APS.36	Hemodynamics and Functional Capacity in Heart Failure*	
			HF.APS.37	Risk Stratification in Heart Failure*	
			HF.APS.38	Novel Findings in Cardiomyopathy*	
			HF.APS.39	Valvular Heart Disease Outcomes*	
			HF.RFO36	Rapid Whirlwind of Outcomes in Heart Failure and Cardiomyopathy*	
Abstract Rapid Fire Oral	11/18/2019	12:40 PM - 1:30 PM	HF.MDF50	Hemodynamics, Myocardial Structure/Function Skill Matter in Heart Failure*	Moderated Posters 1, Science and Technology Hall
			HF.APS.40	New Therapies in Heart Failure and Cardiomyopathy*	Zone 2, Science and Technology Hall
Moderated Digital Posters	11/18/2019	1:30 PM - 2:00 PM	HF.APS.41	VAD and Transplant: New Insights*	Zone 2, Science and Technology Hall
			HF.APS.42	Pre-clinical Assessment of Pharmacological Therapy for Heart Failure*	
Abstract Poster Session					

\*Not a CME/CE accredited session.

Clinical Science

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/18/2019	1:30 PM - 2:00 PM	HF.APS.43	Clinical Advances in Aortic Valve Disease*	Zone 2, Science and Technology Hall
			HF.APS.44	Basic and Translational Insights into Ventricular Function/ Cardiomyopathy*	
			HF.APS.45	Novel Diagnostic Approaches for Valvular Heart Disease*	
			HF.APS.46	Cardiomyopathy: Hypertrophic and Amyloid*	
			HF.APS.47	Additional Insights into Pharmacological Therapy of HF*	
Abstract Rapid Fire Oral		2:05 PM - 2:55 PM	HF.RFO37	Pharmacological Therapy in HF/Cardiomyopathy: The Next Important Indication or Agent?*	Zone 4, Science and Technology Hall
			HF.MDP51	Hot topics in LVAD and Cardiac Transplant*	Moderated Posters 1, Science and Technology Hall

## HYPERTENSION AND NEPHROLOGY

Cardiovascular Seminar	11/16/2019	7:15 AM - 8:30 AM	HY.CVS.453	Emerging Therapies for Hypertension Management: Medical and Interventional	108A
		9:00 AM - 10:15 AM	HY.CVS.363	Sleep Disorders and Hypertension	

\*Not a CME/CE accredited session.

Cardiovascular Seminar	11/16/2019	10:45 AM - 12:00 PM	HY.CVS.128	Hypertension Issues In Women	105AB
Abstract Poster Session		1:30 PM - 2:00 PM	HY.CVS.397	Populations without Compelling Evidence to Guide Treatment	108A
			HY.APS.01	Emerging Treatments for Hypertension*	Zone 2, Science and Technology Hall
Cardiovascular Seminar		2:00 PM - 3:15 PM	HY.APS.02	Optimal Control of Hypertension*	108A
			HY.CVS.420	Blood Pressure Measurement in Humans: An Overview of the 2019 Scientific Statement from AHA	
		3:45 PM - 5:00 PM	HY.CVS.432	Microbiota and Hypertension: What Bugs You?	
		4:30 PM - 5:00 PM	HY.APS.03	Hypertension and Heart Failure*	Zone 2, Science and Technology Hall
Abstract Poster Session			HY.APS.04	Integrative Aspects of Clinical Hypertension*	
			HY.APS.05	Novel Concepts in Hypertension Research*	
			HY.APS.06	Arterial Stiffness and Hypertension*	
Cardiovascular Seminar	11/17/2019	7:15 AM - 8:30 AM	HY.CVS.421	Advances in Genetics and Pharmacogenetics of Hypertension	108A
Moderated Digital Posters		10:30 AM - 11:20 AM	HY.MDP31	Recent Advances in Clinical Hypertension*	Moderated Posters 3, Science and Technology Hall
Abstract Oral Session		10:45 AM - 12:00 PM	HY.AOS.329	Hot Topics in High Blood Pressure Research	108A

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Best of AHA Specialty Conferences	11/17/2019	12:30 PM - 1:00 PM	BASC.03	Best of AHA Specialty Conferences: Hypertension 2019*	Best of Specialty Conferences, Science and Technology Hall
		2:00 PM - 3:15 PM	HY.CVS.435	It's Not Just in your Head: The Role of Hypertension Control in Preserving Cognitive Function.	108A
Cardiovascular Seminar	11/18/2019	9:00 AM - 10:15 AM	HY.CVS.455	Target: BP in Action - A Path to Better Blood Pressure Control	Moderated Posters 2, Science and Technology Hall
Moderated Digital Posters		10:30 AM - 11:20 AM	HY.MDP54	What is New in Hypertension Research?*	
Cardiovascular Seminar		10:45 AM - 12:00 PM	HY.CVS.110	Stem Cells, Exosomes and Hypertension	108A
			HY.CVS.500	Guideline-Based Strategies for Improving Control of High Blood Pressure: The 2019 ACC/AHA Performance and Quality Measures for Adults with High Blood Pressure	204C

## IMAGING AND NUCLEAR MEDICINE

Cardiovascular Seminar	11/16/2019	7:15 AM - 8:30 AM	IM.CVS.267	Diagnosis and Characterization of Coronary Microvascular Disease: Role of Imaging	108B
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\*Not a CME/CE accredited session.



Cardiovascular Seminar	11/16/2019	9:00 AM - 10:15 AM	IM.CVS.493	Cardiometabolic Microvascular Disease- Premature Heart Failure in African American Males	108B
Abstract Oral Session		10:45 AM - 12:00 PM	IM.AOS.512	Charles T. Dotter Memorial Lecture	
Moderated Digital Posters		12:30 PM - 1:20 PM	IM.MDP7	Don't Go Breaking My Heart: Heart Failure and Transplantation*	Moderated Posters 3, Science and Technology Hall
Abstract Poster Session		1:30 PM - 2:00 PM	IM.APS.01	Echocardiography of Valves*	Zone 4, Science and Technology Hall
			IM.APS.02	MRI: Coronary Artery Disease, Ischemia, and Infarction*	
			IM.APS.03	Advances in Echocardiography*	
			IM.APS.04	Emerging Echocardiographic Approaches - Strain*	
Abstract Oral Session		2:00 PM - 3:15 PM	IM.AOS.511	Melvin Judkins Early Career Investigator Competition	108B
Moderated Digital Posters		2:15 PM - 3:05 PM	IM.MDP8	Cutting-Edge Echocardiography: Strain and Mechanics*	Moderated Posters 3, Science and Technology Hall
Cardiovascular Seminar		3:45 PM - 5:00 PM	IM.CVS.437	Heart Disease in Women: Focus on Imaging	108B
	Abstract Poster Session	4:30 PM - 5:00 PM	IM.APS.05	CT: Heart and Vessels*	Zone 4, Science and Technology Hall
Moderated Digital Posters		5:10 PM - 6:00 PM	IM.APS.06	Imaging of Catheter-Based Intervention*	Moderated Posters 3, Science and Technology Hall
			IM.MDP9	CT of Coronary Artery Plaque: Taking Imaging to the Next Level*	

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Sunday Morning Program	11/17/2019	7:15 AM - 10:15 AM	IM.SMP.443	Valvular Imaging: Aortic Valve/TAVR and Tricuspid Valve	108B
Abstract Rapid Fire Oral		10:30 AM - 11:20 AM	IM.RFO20	The Tell-Tale Heart: MRI of Non-Ischemic Cardiomyopathies*	Zone 2, Science and Technology Hall
Moderated Digital Posters		10:30 AM - 11:20 AM	IM.MDP25	Coronary CT: Impact of Gender, Race, and Ethnicity on Heart Health*	Moderated Posters 1, Science and Technology Hall
Cardiovascular Seminar		10:45 AM - 12:00 PM	IM.CVS.393	Infiltrative Heart Disease: Evaluation, Treatment, and Imaging Insights	108B
Abstract Poster Session		12:30 PM - 1:00 PM	IM.APS.07	Echocardiography: Function and Dysfunction*	Zone 4, Science and Technology Hall
			IM.APS.08	Echocardiography: Ischemic Disease, Heart Failure, and Myocardial Disease*	
			IM.APS.09	Echocardiography: General Topics*	
Cardiovascular Seminar		2:00 PM - 3:15 PM	IM.CVS.379	Imaging Acute Chest Pain	108B
Abstract Poster Session		3:00 PM - 3:30 PM	IM.APS.10	Echocardiography: Systolic and Diastolic Function*	Zone 4, Science and Technology Hall
			IM.APS.11	Echocardiography: Techniques and Technology*	
Cardiovascular Seminar		3:45 PM - 5:00 PM	IM.CVS.342	Aortic Dissection: New Insights	108B
		9:00 AM - 10:15 AM	IM.CVS.307	The FDA Warning about Gadolinium-Based Contrast Agents: Are there Real Concerns?	

\*Not a CME/CE accredited session.

Moderated Digital Posters	11/18/2019	10:30 AM – 11:20 AM	IM.MDP55	Heard on the Beat: Advances in MRI of Ischemic Heart Disease*	Moderated Posters 3, Science and Technology Hall
Cardiovascular Seminar		10:45 AM – 12:00 PM	IM.CVS.366	Cardiovascular Imaging in Athletes	108B
Abstract Poster Session		11:30 AM – 12:00 PM	IM.APS.12	Nuclear Medicine Evaluation of Cardiac Disease*	Zone 4, Science and Technology Hall
			IM.APS.13	Vascular Imaging*	
Moderated Digital Posters		12:40 PM – 1:30 PM	IM.MDP56	How Does Cardiac CT Perform for Determination of Prognosis and Outcomes?*	Moderated Posters 3, Science and Technology Hall
Abstract Poster Session		1:30 PM – 2:00 PM	IM.APS.17	MRI: General Topics*	Zone 4, Science and Technology Hall
			IM.APS.18	Novel Approaches to Intravascular and Non-Invasive Imaging*	
Moderated Digital Posters		2:05 PM – 2:55 PM	IM.MDP57	Feel the Rhythm: Echocardiography of Arrhythmia*	Moderated Posters 3, Science and Technology Hall

## INTERVENTIONAL TREATMENTS

Cardiovascular Seminar	11/16/2019	9:00 AM – 10:15 AM	IN.CVS.515	Meet, Greet and Learn from the Masters in Interventional Cardiology	Terrace Ballroom IV
		10:45 AM – 12:00 PM	IN.CVS.442	PFO Closure and Cryptogenic Stroke - Emerging Evidence, Indications, and Techniques	107AB

\*Not a CME/CE accredited session.

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SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/16/2019	1:30 PM - 2:00 PM	IN.APS.01	Therapy (Antiplatelets, Antithrombotics, and Anti-lipid Agents) around ACS and PCI*	Zone 4, Science and Technology Hall
			IN.APS.02	Understanding the Vascular Complications of PCI, Shock, and Cardiac Arrest*	
			IN.APS.03	Hot Topics in PCI I*	
Cardiovascular Seminar		2:00 PM - 3:15 PM	IN.CVS.412	Complications in the cath lab: Opportunities to learn	107AB
		3:45 PM - 5:00 PM	IN.CVS.387	Cutting Edge in Interventional Heart Failure	
Abstract Poster Session		4:30 PM - 5:00 PM	IN.APS.04	Catheter Based Therapies: A Glimpse into the Future*	Zone 4, Science and Technology Hall
			IN.APS.05	Advances in Percutaneous Non-Coronary Therapies*	
Sunday Morning Program	11/17/2019	7:15 AM - 10:15 AM	IN.SMP.375	Best Interventional Trials of 2019	107AB
Cardiovascular Seminar		10:45 AM - 12:00 PM	IN.CVS.388	Interesting Cases from the Cath Lab	
Abstract Rapid Fire Oral		11:35 AM - 12:25 PM	IN.RFO21	TAVR Dilemmas and Controversies*	Zone 2, Science and Technology Hall
Moderated Digital Posters		11:35 AM - 12:25 PM	IN.MDP32	Innovative Interventional Technologies: Welcome to the 21st Century.*	Moderated Posters 3, Science and Technology Hall
Abstract Poster Session		12:30 PM - 1:00 PM	IN.APS.06	Structural Interventions in 2019*	Zone 4, Science and Technology Hall

\*Not a CME/CE accredited session.

Abstract Poster Session	11/17/2019	12:30 PM - 1:00 PM	IN.APS.07	Fairy Tales from the Cath Lab*	Zone 4, Science and Technology Hall
			IN.APS.08	Hot Topics in TAVR and Structural Interventions*	
Cardiovascular Seminar	11/17/2019	2:00 PM - 3:15 PM	IN.APS.09	Interventional Controversies from all over the World*	107AB
			IN.CVS.395	Complex and High Risk Intervention	
Abstract Poster Session	11/17/2019	3:00 PM - 3:30 PM	IN.APS.10	Coronary Imaging, Physiology and Beyond*	Zone 4, Science and Technology Hall
			IN.APS.11	Controversies in Vascular Intervention: From Drug-Coated Devices to Total Occlusions*	
Cardiovascular Seminar	11/17/2019	5:30 PM - 6:45 PM	IN.APS.12	Controversies in TAVR and Circulatory Assist Devices*	204C
			IN.APS.13	New Frontiers in Catheter-based Therapies*	
Abstract Oral Session	11/18/2019	7:15 AM - 8:30 AM	IN.CVS.409	Next Frontiers in Transcatheter Structural Heart Therapies	107AB
			IN.AOS.488	Innovations in Structural Heart Disease	
Cardiovascular Seminar	11/18/2019	9:00 AM - 10:15 AM	IN.CVS.574	Interventional Cases: Show and Tell from the Cath Lab	Zone 4, Science and Technology Hall
			IN.CVS.433	Updates in Interventional Therapies for Non-Cardiac Vascular Disease	
Abstract Poster Session	11/18/2019	11:30 AM - 12:00 PM	IN.APS.14	Interventional Complications: Did We Really Cause This?*	Zone 4, Science and Technology Hall
			IN.APS.15	Therapeutic Considerations during PCI*	
		1:30 PM - 2:00 PM	IN.APS.16	Hot Topics in PCI II*	

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Rapid Fire Oral	11/18/2019	2:05 PM - 2:55 PM	IN.RFO34	Interventional Cardiologists on Fire*	Zone 2, Science and Technology Hall
Cardiovascular Seminar		3:45 PM - 5:00 PM	IN.CVS.360	TAVR in 2019 - Challenging Patient Populations and Uncertainties	112AB
Abstract Oral Session		5:30 PM - 6:45 PM	IN.AOS.489	Novel Approaches in Interventional Cardiology	204C

## NURSING RESEARCH AND CLINICAL

Abstract Oral Session	11/16/2019	10:45 AM - 12:00 PM	NR.AOS.368	The Game of Life: Society and CVD Risk	118C
Cardiovascular Seminar		2:00 PM - 3:15 PM	NR.CVS.42	Caregiving Across the Continuum of CVD	
Abstract Oral Session		3:45 PM - 5:00 PM	NR.AOS.351	Katharine A. Lembright Award/Lecture and Martha N. Hill Early Career Investigator Award Competition	
		5:30 PM - 6:45 PM	NR.AOS.369	Shock and Awe: Living with an ICD	
Cardiovascular Seminar	11/17/2019	8:00 AM - 5:15 PM	NR.CVS.NS.607	Cardiovascular Nursing Clinical Symposium	118B
Sunday Morning Program		9:00 AM - 12:00 PM	NR.SMP.373	2019 Nursing Science in Review	118C

\*Not a CME/CE accredited session.

Abstract Rapid Fire Oral	11/17/2019	11:35 AM - 12:25 PM	NR.RFO24	Downstream Effects of Social Determinants of Health*	Zone 4, Science and Technology Hall
Abstract Poster Session		12:30 PM - 1:00 PM	NR.APS.01	Self-Care Conundrums*	
			NR.APS.02	Living with CVD: Promoting Self-Management*	
			NR.APS.03	Transitions of Care Across Settings*	
Abstract Oral Session		2:00 PM - 3:15 PM	NR.AOS.361	High Tech Self-Care: Innovations in Practice	118C
Moderated Digital Posters		2:10 PM - 3:00 PM	NR.MDP33	Power to the Patients: Improving Quality of Life with Monitoring Tools*	Moderated Posters 3, Science and Technology Hall
Cardiovascular Seminar		3:45 PM - 5:00 PM	NR.CVS.270	Frailty in CVD Patients: An Important Clinical Conundrum	118C
		5:30 PM - 6:45 PM	NR.CVS.118	ZNA vs. DNA: How Important Is Zip Code In Care Planning?	
		7:15 AM - 8:30 AM	NR.CVS.77	Make Yourself at Home: Bringing Hospital Care to the Home for Pediatric Heart Disease	113A
Abstract Oral Session	11/18/2019	9:00 AM - 10:15 AM	NR.AOS.358	Novel Approaches to Care Delivery for Cardiovascular Patients	120B
Cardiovascular Seminar		9:00 AM - 10:15 AM	NR.CVS.131	Cognition Across The Lifespan: The Heart-brain Connection	113A
		10:45 AM - 12:00 PM	NR.CVS.126	Applying Life's Simple 7 when Life is NOT SIMPLE	
Abstract Oral Session		2:00 PM - 3:15 PM	NR.AOS.371	How Physiology Drives Personalized Interventions in CVD	
Cardiovascular Seminar		3:45 PM - 5:00 PM	NR.CVS.155	Diabetes and CVD: Stop the Run-Away-Train	

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
<b>PREVENTION, HEALTH AND WELLNESS</b>					
Abstract Oral Session	11/16/2019	3:45 PM - 5:00 PM	PR.AOS.585	Prevention Health and Wellness	204C
Abstract Poster Session	11/17/2019	12:30 PM - 1:00 PM	PR.APS.01	Exercise and Athletics-- Screening and Outcomes*	Zone 3, Science and Technology Hall

<b>PULMONARY HYPERTENSION &amp; CRITICAL CARE</b>					
Cardiovascular Seminar	11/16/2019	7:15 AM - 8:30 AM	PH.CVS.163	Update in CTEPH: From Bench to Bedside	102AB
		9:00 AM - 10:15 AM	PH.CVS.481	State-of-the-Art Update on PAH Clinical Classification, Diagnostics, and Risk Assessment	
		10:45 AM - 12:00 PM	PH.CVS.482	State-of-the-Art Management and Endpoints in Pulmonary Arterial Hypertension	
Abstract Poster Session		1:30 PM - 2:00 PM	PH.APS.01	Mechanistic Clinical Biomarkers of PH, HFpEF and RV Dysfunction*	Zone 2, Science and Technology Hall
			PH.APS.02	Advances in Translational PAH and RV Dysfunction*	
			PH.APS.03	Pulmonary Hypertension: Group 1 and Beyond*	

\*Not a CME/CE accredited session.



Abstract Poster Session	11/16/2019	1:30 PM - 2:00 PM	PH.APS.04	Markers and Outcomes in Pulmonary Hypertension*	Zone 2, Science and Technology Hall
Abstract Oral Session		2:00 PM - 3:15 PM	PH.AOS.478	Cournaud and Comroe Early Career Investigator Award Competition	102AB
Cardiovascular Seminar		3:45 PM - 5:00 PM	PH.CVS.480	Clinical Controversies in Pulmonary Hypertension	
Abstract Poster Session		4:30 PM - 5:00 PM	PH.APS.05	Stranger Things: Novel Mechanistic insights into PAH*	Zone 2, Science and Technology Hall
			PH.APS.06	The Rise and Rise of Epigenetics in Pulmonary Vascular Medicine*	
			PH.APS.07	Metabolic Derangements in Pulmonary Hypertension*	
			PH.APS.08	Homeostatic Mechanisms in Pulmonary Vascular Disease*	
			PH.APS.09	Markers and Outcomes in Pulmonary Hypertension II*	
Cardiovascular Seminar		5:30 PM - 6:45 PM	PH.CVS.523	Latest in Management of RV Failure: Restore, Resuscitate or Replace?	102AB
Sunday Morning Program	11/17/2019	7:15 AM - 10:15 AM	PH.SMP.423	Past is Prologue: Recent, Ongoing and Future PAH Clinical Trials	
Abstract Rapid Fire Oral		10:30 AM - 11:20 AM	PH.RFO23	Novel Experimental Therapies for Pulmonary Arterial Hypertension*	Zone 4, Science and Technology Hall
Abstract Oral Session		2:00 PM - 3:00 PM	PH.AOS.479	Dickinson W. Richards Memorial Lecture	102AB

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Cardiovascular Seminar	11/17/2019	3:45 PM - 5:00 PM	PH.CVS.565	New Horizons in the Modeling of Pulmonary Vascular Disease	102AB
		5:30 PM - 6:45 PM	PH.CVS.460	3CPR: Shark Tank Style	Terrace Ballroom IV
Abstract Oral Session	11/18/2019	7:15 AM - 8:30 AM	PH.CVS.188	Epigenetic and Noncoding RNA Regulation of Pulmonary Vascular Remodeling	103A
			PH.CVS.589	Developmental origins of Pulmonary Vascular Disease: Bridging Pediatric and Adult PAH	102AB
		9:00 AM - 10:15 AM	PH.CVS.545	Gender Differences in Right Ventricular Function: From the Bench to the Bedside	
Abstract Rapid Fire Oral		10:45 AM - 12:00 PM	PH.AOS.476	Kenneth D. Bloch Memorial Lecture in Vascular Biology	
Moderated Digital Posters		12:40 PM - 1:30 PM	PH.RFO33	Emerging Mechanisms of Pulmonary Vascular Remodeling and Homeostasis*	Zone 2, Science and Technology Hall
		2:05 PM - 2:55 PM	PH.MDF52	Pathophysiology of RV Failure, HFpEF and PAH*	Moderated Posters 2, Science and Technology Hall
Cardiovascular Seminar		3:45 PM - 5:00 PM	PH.CVS.556	Systems Analyses and Machine Learning in Pulmonary Hypertension: At the Intersection of Computational and Experimental Biology	102AB

\*Not a CME/CE accredited session.

## STROKE & NEUROSCIENCE

Abstract Oral Session	11/16/2019	9:00 AM - 10:15 AM	ST.AOS.357	Stroke Complications After Intervention	113BC
Cardiovascular Seminar			ST.CVS.444	Bridging the Gap: Community-Based Interventions to Address Disparities in Stroke	118A
Abstract Oral Session		10:45 AM - 12:00 PM	ST.AOS.502	Stroke Council Award & Lecture	
Abstract Poster Session		1:30 PM - 2:00 PM	ST.APS.01	Cardioembolic Stroke*	Zone 2, Science and Technology Hall
			ST.APS.02	Stroke Epidemiology and Outcomes Research*	
			ST.APS.03	Stroke Abstracts*	
Cardiovascular Seminar		2:00 PM - 3:15 PM	ST.CVS.161	The Brain-Heart Axis, Discussions in Neurocardiogenic Syndromes	118A
	11/17/2019	10:45 AM - 12:00 PM	ST.CVS.410	Superwoman Syndrome: Racial/Ethnic Disparities in Cardiovascular Disease in Minority Women	102AB
Best of AHA Specialty Conferences		12:30 PM - 1:00 PM	BASC.05	Best of AHA Specialty Conferences: ISC 2019*	Best of Specialty Conferences, Science and Technology Hall
Cardiovascular Seminar		2:00 PM - 3:15 PM	ST.CVS.87	Cardiovascular Disease and Intracranial Aneurysms?	105AB
Abstract Rapid Fire Oral		3:40 PM - 4:30 PM	ST.RFO25	Stroke Rapid Fire*	Zone 4, Science and Technology Hall

\*Not a CME/CE accredited session.

Clinical Science

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Oral Session	11/17/2019	5:30 PM - 6:45 PM	ST.AOS.566	Best of Stroke Abstracts	105AB
Cardiovascular Seminar	11/18/2019		ST.CVS.129	Patient-Centered Strategies to Improve Outcomes in Atrial Fibrillation	118A

## SURGERY & ANESTHESIA

Cardiovascular Seminar	11/16/2019	7:15 AM - 8:30 AM	SA.CVS.425	Multidisciplinary Case Discussions: An Interactive Session	109AB
Abstract Oral Session		9:00 AM - 10:15 AM	SA.CVS.344	Endocarditis: What I Need to Know in 2019	
Cardiovascular Seminar		10:45 AM - 11:30 AM	SA.AOS.583	CVSA Resident Prize	
Abstract Oral Session		2:00 PM - 3:15 PM	SA.CVS.350	The War Room Returns: Best Plan of Attack for Quality Outcomes...Let the Debates Continue!	
Abstract Poster Session		3:45 PM - 5:00 PM	SA.AOS.499	William W.L. Glenn Lecture	
Abstract Oral Session		4:30 PM - 5:00 PM	SA.APS.03	Surgical Therapy for Valvular Heart Disease*	Zone 4, Science and Technology Hall
Abstract Oral Session		5:30 PM - 6:45 PM	SA.AOS.498	Predictors of Outcomes Around Cardiac Surgery*	
Abstract Oral Session				Vivien Thomas Early Career Investigator Competition	109AB

\*Not a CME/CE accredited session.

Cardiovascular Seminar	11/17/2019	7:15 AM - 8:30 AM	SA.CVS.345	Perioperative Management of LVAD Patients and Case Discussion	109AB
		9:00 AM - 10:25 AM	SA.CVS.576	STS at AHA: Management of Challenging Clinical Scenarios: Intraoperative Tips and Tricks	
		10:45 AM - 12:00 PM	SA.CVS.473	New Concepts in Ischemic Heart Disease	
Abstract Poster Session	12:30 PM - 1:00 PM	SA.APS.05	Thoracic Aortic Surgery/Disease I*		Zone 4, Science and Technology Hall
		SA.APS.06	Surgical Revascularization for Ischemic Heart Disease*		
		SA.APS.07	Clinical Outcomes in Heart Failure and Transplant*		
		SA.APS.08	Myocardial Protection, Intraoperative Management and Critical Care I*		
Abstract Oral Session	2:00 PM - 3:15 PM	SA.AOS.534	Cardiothoracic Surgery Translational Experimental Trials and Therapies	103C	
		SA.CVS.475	Endovascular Strategies in Thoracic Aortic Surgery	109AB	
Cardiovascular Seminar	3:00 PM - 3:30 PM	SA.APS.09	Thoracic Aortic Surgery/Disease II*		Zone 4, Science and Technology Hall
		SA.APS.10	Late Breaking Science in Valve and Thoracic Aortic Surgery*		
		SA.APS.11	Myocardial Protection, Intraoperative Management and Critical Care II*		
		SA.APS.12	The "BASICS" of Heart Failure and Transplant*		

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Cardiovascular Seminar	11/17/2019	3:45 PM - 5:00 PM	SA.CVS.359	Current Concepts in Hypertrophic Cardiomyopathy	109AB
Abstract Poster Session	11/18/2019	11:30 AM - 12:00 PM	SA.APS.13	Science in Mechanisms and Management of Aortic Valve Disease and Aortopathy*	Zone 4, Science and Technology Hall
Moderated Digital Posters		12:40 PM - 1:30 PM	SA.MDP53	Late Breaking Science in Cardiothoracic Surgery and Anesthesia*	Moderated Posters 2, Science and Technology Hall
Abstract Poster Session		1:30 PM - 2:00 PM	SA.APS.14	Team Science: Findings from Peri-operative care in Patients Undergoing CV Surgery*	Zone 4, Science and Technology Hall

## VASCULAR DISEASE AND THROMBOSIS

Cardiovascular Seminar	11/16/2019	7:15 AM - 8:30 AM	VA.CVS.332	Clinical and Research Controversies in Thrombosis and Women's Health	103C
		9:00 AM - 10:15 AM	VA.CVS.347	Vascular Disease in Women: Different Patients or Different Diseases	
Abstract Poster Session		1:30 PM - 2:00 PM	VA.APS.01	Population Trends in Lower Extremity Peripheral Artery Disease*	Zone 4, Science and Technology Hall
			VA.APS.02	Trailblazing at the Crossroads of Critical Limb Ischemia and Peripheral Revascularization*	

\*Not a CME/CE accredited session.

Abstract Oral Session	11/16/2019	2:00 PM - 2:45 PM	VA.AOS.516	Jay D. Coffman Early Career Investigator Competition	105AB
Cardiovascular Seminar		3:45 PM - 5:00 PM	VA.CVS.382	The Morning After Vascular Surgery: Did I Take Appropriate Precautions?	103C
		5:30 PM - 6:45 PM	VA.CVS.353	Vasculo-Oncology: Evidence-Based Treatment in 2019	
Sunday Morning Program	11/17/2019	9:00 AM - 10:15 AM	VA.SMP.331	VIRTUAL REALITY PE Response Team: Running the PE Gauntlet	
Cardiovascular Seminar		10:45 AM - 12:00 PM	VA.CVS.330	Clash of the Thrombosis Titans: Clinical Controversies in Venous Thromboembolism	
			VA.CVS.356	Bench to Bedside: Diabetic Vasculopathy	103B
Abstract Poster Session		12:30 PM - 1:00 PM	VA.APS.03	Pathways to Improved Outcomes in Venous Thromboembolism: The Year in Discovery Part I*	Zone 4, Science and Technology Hall
			VA.APS.04	All Around the World: International Perspectives on Vascular Disease Research*	
Cardiovascular Seminar		2:00 PM - 3:15 PM	VA.CVS.374	The Latest and Best in PVD Interventions: Co-sponsored by Circulation: Cardiovascular Interventions	103B
Abstract Poster Session		3:00 PM - 3:30 PM	VA.APS.05	Pathways to Improved Outcomes in Venous Thromboembolism: The Year in Discovery Part II*	Zone 4, Science and Technology Hall
Abstract Oral Session		3:45 PM - 5:00 PM	VA.AOS.578	Rewriting the Playbook for Peripheral Artery Disease Therapy: Scientific Pathways to Improved Patient Outcomes	103C
Cardiovascular Seminar			CS.CVS.101	Paul Dudley White International Lecture and Session	Nutter Theatre

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Cardiovascular Seminar	11/18/2019	7:15 AM - 8:30 AM	VA.CVS.500	PVD Workshop: Venous Disease and Thrombosis	103B
		9:00 AM - 10:15 AM	VA.CVS.501	PVD Workshop: Aneurysm Disease	
		10:45 AM - 12:00 PM	VA.CVS.502	PVD Workshop: Skeletal Muscle Pathology and Regeneration in PAD	
		2:00 PM - 3:15 PM	VA.CVS.503	PVD Workshop: Vascular Jeopardy	

## CARDIOMETABOLIC HEALTH AND DIABETES

Abstract Oral Session	11/16/2019	9:00 AM - 10:15 AM	CM.AOS.487	Risk Factors and Biomarkers Associated with CVD in Cardiometabolic Disease	204AB
Cardiovascular Seminar		10:45 AM - 12:00 PM	CM.CVS.438	Diabetes and Multi-Organ Disease: CKD, ASCVD, HF, PAM	
Abstract Poster Session		1:30 PM - 2:00 PM	CM.APS.01	Strategies for Predicting and Reducing Risk in Diabetes and Prediabetes*	Zone 3, Science and Technology Hall
			CM.APS.02	Body Composition, Cardiometabolic Risk and CVD Pathogenesis*	
Cardiovascular Seminar		3:45 PM - 5:00 PM	CM.CVS.398	What to Do Next? Moving from Risk to Benefit in Guidelines	204AB

\*Not a CME/CE accredited session.



Abstract Poster Session	11/16/2019	4:30 PM - 5:00 PM	CM.APS.03	Risk Pathways and Risk Reduction in Diabetes: Exploring Mechanisms*	Zone 3, Science and Technology Hall
Moderated Digital Posters		5:10 PM - 6:00 PM	CM.MDP24	Physiologic Effects of Therapeutic Agents in Diabetes*	Moderated Posters 8, Science and Technology Hall
Sunday Morning Program	11/17/2019	7:15 AM - 10:15 AM	CM.SMP.370	Know Diabetes by Heart: A Stepwise Approach to Managing CVD in Your Patient With Diabetes	204AB
Cardiovascular Seminar		10:45 AM - 12:00 PM	CM.CVS.436	Meet the Experts in Cardiometabolic Science - Opportunities for Networking and Career Development	
		2:00 PM - 3:15 PM	CM.CVS.415	Managing Cardiovascular Risk in Diabetes: Ask the Experts and Challenging Cases	
Hybrid		3:45 PM - 5:00 PM	CM.HB.569	Examining Effects of Novel Therapeutic Agents in Diabetes	
Moderated Digital Posters	11/18/2019	10:30 AM - 11:20 AM	CM.MDP61	Metabolism 2*	Moderated Posters 5, Science and Technology Hall
		2:05 PM - 2:55 PM	CM.MDP72	Poop and the Pump: Gut Health, the Microbiome, and Cardiometabolic Health*	Moderated Posters 8, Science and Technology Hall

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
<b>EPIDEMIOLOGY, BIG DATA AND PRECISION MEDICINE</b>					
Moderated Digital Posters	11/16/2019	12:30 PM - 1:20 PM	EP.MDP19	Non-cardiac Comorbidities, Inflammation and CVD Risk*	Moderated Posters 7, Science and Technology Hall
Abstract Poster Session		1:30 PM - 2:00 PM	EP.APS.01	Lipids and CV Prevention: Is There More to it Beyond LDL Lowering?*	Zone 3, Science and Technology Hall
			EP.APS.02	Epidemiology of Atrial Fibrillation*	
			EP.APS.03	Depression and Psychosocial Influences on CVD*	
Hall		2:00 PM - 2:45 PM	EP.HT.05	ECGs and EGMs in Real-Time*	EP Central
Cardiovascular Seminar		2:00 PM - 3:15 PM	EP.CVS.557	Atrial Fibrillation: From Wearables to Guidelines	201C
Abstract Rapid Fire Oral		2:15 PM - 3:05 PM	EP.RFO14	Epidemiological Approaches to Addressing the Gender- and Racial-disparities in Atrial Fibrillation*	Science and Technology Hall A, Booth 605, Level 2
			EP.RFO15	Novel Approaches to Cardiovascular Epidemiology: The Rise of The Machines*	
Cardiovascular Seminar		3:45 PM - 5:00 PM	EP.CVS.528	Application of Epidemiologic Methods to Address Controversies in Care, Disease Burden, and Policy	201C
Abstract Poster Session		4:30 PM - 5:00 PM	EP.APS.04	Epidemiology of Chemotherapy Associated Cardiovascular Conditions*	Zone 3, Science and Technology Hall

\*Not a CME/CE accredited session.

Abstract Poster Session	11/16/2019	4:30 PM - 5:00 PM	EP.APS.05	Contemporary Patterns in the Management and Outcomes of Cardiovascular Diseases*	Zone 3, Science and Technology Hall
			EP.APS.06	Big Data and Global-omics Approach to Cardiovascular Disease Epidemiology*	
			EP.APS.07	Epidemiology of Acute Cardiovascular Emergencies*	
Abstract Rapid Fire Oral		5:10 PM - 6:00 PM	EP.RFO16	Evolving Role of Coronary Artery Calcium in CVD Risk Prediction*	Science and Technology Hall A, Booth 605, Level 2
Abstract Oral Session	11/17/2019	7:15 AM - 8:30 AM	EP.AOS.572	Contemporary Trends and Epidemiology of Heart Failure	201C
Sunday Morning Program		9:00 AM - 10:15 AM	EP.SMP.524	AHA's Strategic Goals in 2019 and Beyond (Part 1)	
Abstract Rapid Fire Oral		10:30 AM - 11:20 AM	EP.RFO26	Diabetes and CVD Risk Prediction*	Science and Technology Hall A, Booth 605, Level 2
Moderated Digital Posters		10:30 AM - 11:20 AM	EP.MDP43	Sex- and Racial/Ethnic Differences in Cardiovascular Disease Epidemiology*	Moderated Posters 7, Science and Technology Hall
Cardiovascular Seminar		10:45 AM - 12:00 PM	EP.CVS.568	AHA's Strategic Goals in 2019 and Beyond (Part 2)	201C
Abstract Poster Session		12:30 PM - 1:00 PM	EP.APS.08	Cohort Studies I*	Zone 3, Science and Technology Hall
			EP.APS.09	Cardiovascular Disease Among Minority and Vulnerable Populations*	
			EP.APS.10	Cardiovascular and Brain Health in the Older Population*	

\*Not a CME/CE accredited session.

## Population Science

Abstract Poster Session	11/17/2019	12:30 PM - 1:00 PM	EP.APS.11	Novel Approaches to Cardiovascular Risk Prediction & Prevention: Looking beyond the Traditional Risk Factors*	Zone 3, Science and Technology Hall
			EP.APS.12	Cardiovascular Disease Epidemiology Across the Globe*	
Cardiovascular Seminar		2:00 PM - 3:15 PM	EP.APS.13	Cardiorenal Interactions and Their Implication in CVD Risk Prevention*	
Moderated Digital Posters		2:10 PM - 3:00 PM	EP.CVS.527	Precision Lifestyle Medicine in Cardiovascular and Multimorbidity Prevention and Control	201C
Abstract Poster Session		3:00 PM - 3:30 PM	EP.MDP48	The Air Around The Heart: Epidemiology of Pulmonary Diseases with Cardiovascular Implications*	Moderated Posters 8, Science and Technology Hall
			EP.APS.14	Cohort Studies II*	Zone 3, Science and Technology Hall
			EP.APS.15	Oncardiology: Therapeutic Effects, Adverse Effects, and Outcomes*	
			EP.APS.16	Epidemiology of Inflammatory, Infiltrative & Latrogenic Cardiovascular Conditions*	
			EP.APS.17	LDL, Statins and Cardiovascular Disease Prevention*	
			EP.APS.18	Methodologic Advancements in CV Research*	
			EP.APS.19	Nutrition and Nutritional Biomarkers*	
			EP.APS.20	Cardiovascular Disease Prevention in Individuals with HIV Infection*	

\*Not a CME/CE accredited session.

Abstract Poster Session	11/17/2019	3:00 PM - 3:30 PM	EP.APS.21 Sex Differences in Epidemiology of Cardiovascular Diseases*	Zone 3, Science and Technology Hall
Cardiovascular Seminar		3:45 PM - 5:00 PM	EP.APS.22 Clinical Outcomes Studies*	
Moderated Digital Posters	11/18/2019	10:30 AM - 11:20 AM	EP.CVS.522 The Epidemiology of High Value Care: An Economic Perspective	201C
Abstract Poster Session		11:30 AM - 12:00 PM	EP.MDP67 Novel Approaches to Predicting the Risk of Heart Failure with Preserved Ejection Fraction*	Moderated Posters 7, Science and Technology Hall
			EP.APS.23 Predicting & Preventing Heart Failure In the General Population*	Zone 3, Science and Technology Hall
			EP.APS.24 Epidemiology of Hypertension and Associated Cardiovascular Complications*	
			EP.APS.25 Environmental and Neighborhood Influences on Health*	
			EP.APS.26 Electrocardiographic Predictors of Cardiovascular Risk*	
			EP.APS.27 Epidemiology of Cardiovascular and Peripheral Vascular Disorders*	
			EP.APS.28 Cancer: Surveillance, Trends and Outcomes*	

\*Not a CME/CE accredited session.

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Rapid Fire Oral	11/18/2019	12:40 PM - 1:30 PM	EP.RFO39	Fitness, Physical Activity and CVD Risk*	Science and Technology Hall A, Booth 605, Level 2
Abstract Poster Session			EP.APS.29	Obesity, Cardiometabolic Disorders, and CVD Risk*	Zone 3, Science and Technology Hall
			EP.APS.30	Development of Cardiovascular Disease Across the Lifetime*	
			EP.APS.31	Screening, Costs and Healthcare Utilization*	
Abstract Rapid Fire Oral		2:05 PM - 2:55 PM	EP.RFO40	Epidemiology of Vascular Diseases: Thinking Outside the Heart*	Science and Technology Hall A, Booth 605, Level 2

## GO RED FOR WOMEN AND SPECIAL POPULATIONS

Abstract Poster Session	11/16/2019	1:30 PM - 2:00 PM	WS.APS.01	CHD in Women*	Zone 3, Science and Technology Hall
			WS.APS.02	Pregnancy and Female-specific CVD Risk Factors*	
			WS.APS.03	Women and CVD*	
Moderated Digital Posters		5:10 PM - 6:00 PM	WS.MDP21	Sex and Gender Influences on Patient and Provider Outcomes*	Moderated Posters 7, Science and Technology Hall

\*Not a CME/CE accredited session.

Sunday Morning Program	11/17/2019	7:15 AM - 10:15 AM	WS.SMP.80	10 Questions about Cardiovascular Disease in Women	Terrace Ballroom IV
Cardiovascular Seminar		10:45 AM - 12:00 PM	WS.CVS.81	Populations with Unique Cardiovascular Risk	117
Abstract Rapid Fire Oral		11:35 AM - 12:25 PM	WS.RFO27	Women's Health and Sex Differences*	Science and Technology Hall A, Booth 605, Level 2
Abstract Poster Session		12:30 PM - 1:00 PM	WS.APS.04	Sex Differences in CHD and Valvular Disease*	Zone 3, Science and Technology Hall
			WS.APS.05	Sex Differences and CHF in Women*	
Cardiovascular Seminar		2:00 PM - 3:15 PM	WS.CVS.555	Advancing Equity in Healthy Cardiovascular Aging	117
		3:45 PM - 5:00 PM	WS.CVS.263	Cardiovascular Treatment Decisions in the Very Elderly	
Abstract Oral Session		5:30 PM - 6:45 PM	WS.AOS.586	Go Red for Women: Combatting the Persistent Disparities in Care	
Abstract Poster Session	11/18/2019	1:30 PM - 2:00 PM	WS.APS.06	Cardiovascular Care for the Aging Patient*	Zone 3, Science and Technology Hall
Cardiovascular Seminar		2:00 PM - 3:15 PM	WS.CVS.228	Maximizing Talent and Achieving Gender Equity in Our Workforce	112AB
Moderated Digital Posters		2:05 PM - 2:55 PM	WS.MDP69	Female Specific Risk Factors for CVD*	Moderated Posters 7, Science and Technology Hall

\*Not a CME/CE accredited session.

## Population Science

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
<b>HEALTH TECH</b>					
Hall	11/16/2019	1:00 PM - 2:00 PM	HT.01	Careers in Health Tech: Advice from the Front Lines*	Health Innovation Pavilion, Heart Hub, Science and Technology Hall, Level 2
		2:00 PM - 3:00 PM	HT.02	Remote Health Delivery: Telemedicine, eConsults, and More*	
Moderated Digital Posters		2:15 PM - 3:05 PM	HT.MDP23	Machine Learning and Artificial Intelligence*	Moderated Posters 8, Science and Technology Hall
Hall		3:00 PM - 4:00 PM	HT.03	How can the Electronic Health Record Improve Health Care?*	Health Innovation Pavilion, Heart Hub, Science and Technology Hall, Level 2
		4:00 PM - 4:50 PM	HT.04	Hot Topics in AI and Big Data*	
Abstract Poster Session		4:30 PM - 5:00 PM	HT.APS.01	Mobile Health and Remote Monitoring*	Zone 3, Science and Technology Hall
			HT.APS.02	Digital Decision Support*	
			HT.APS.04	Emerging Technologies and Disease Markers*	
Hall	11/17/2019	10:00 AM - 10:50 AM	HT.06	How to do Health Tech Right: Best Practices to Regulation*	Health Innovation Pavilion, Heart Hub, Science and Technology Hall, Level 2
		2:00 PM - 2:50 PM	HT.07	Beyond Wearables: Life, Health, Sensor Fusion & Deeper Medicine*	
		3:00 PM - 3:50 PM	HT.08	Afib Detection on Smart Watches One Year Later: What Have We Learned?*	

\*Not a CME/CE accredited session.



Hall	11/17/2019	4:00 PM - 4:50 PM	HT.12	Big Data & Deep Learning (AHA in Collaboration with the World Economic Forum)*	Health Innovation Pavilion, Heart Hub, Science and Technology Hall, Level 2
	11/18/2019	9:00-9:50 AM	HT. 13	Blockchain in Health Care (AHA in Collaboration with the World Economic Forum)*	
Abstract Oral Session		11:00 AM - 11:50 AM	HT.05	HealthTech and Innovation for Pediatrics and Congenital Heart Disease: Current and Near-term Applications*	
		1:00 PM - 1:48 PM	HT.AOS.HTP1	HealthTech Pavilion Abstract Session: Machine Learning Applied to Clinical Care*	
		2:00 PM - 2:48 PM	HT.AOS.HTP2	HealthTech Pavilion Abstract Session: There's an App (or Tech Solution) for That: Smart Phones, Wearables, and Bringing Care to the People*	

## LIFESTYLE & BEHAVIORAL MEDICINE

Cardiovascular Seminar	11/16/2019	9:00 AM - 10:15 AM	LF.CV5.434	Nutrition Consensus vs. Controversies: Advising your Patients	201AB
		10:45 AM - 12:00 PM	LF.CV5.383	Cardiometabolic Health, Fitness and HFpEF: Novel Insights and Approaches	
Abstract Poster Session		1:30 PM - 2:00 PM	LF.APS.01	Social, Behavioral, and Occupational Determinants of Cardiometabolic Health*	Zone 3, Science and Technology Hall

\*Not a CME/CE accredited session.

Population Science

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/16/2019	1:30 PM - 2:00 PM	LF.APS.02	Innovations and Insights into Cardiac Rehabilitation*	Zone 3, Science and Technology Hall
Abstract Oral Session		2:00 PM - 3:15 PM	LF.AOS.485	Robert Levy Memorial Lecture and Lifestyle and Cardiometabolic Health Early Career Investigator Award Competition	201AB
Moderated Digital Posters		2:15 PM - 3:05 PM	LF.AOS.567	Nutrition: Novel Insights and Controversies	204AB
Cardiovascular Seminar		3:45 PM - 5:00 PM	LF.MDP20	Climate, Environment & Heart Disease*	Moderated Posters 7, Science and Technology Hall
Abstract Poster Session		4:30 PM - 5:00 PM	LF.CVS.400	Why Doesn't My Patient Respond to Exercise? Gleaning Insights from Failures	201AB
			LF.APS.03	Nutrition, Bariatric Surgery, and Cardiometabolic Health*	Zone 3, Science and Technology Hall
			LF.APS.04	Markers of Cardiovascular Health*	
			LF.APS.05	Diet Composition and Outcomes*	
Cardiovascular Seminar		5:30 PM - 6:45 PM	LF.CVS.570	Apob: Ready for Prime Time in Clinical Practice?	201AB
Moderated Digital Posters	11/17/2019	10:30 AM - 11:20 AM	LF.MDP46	Health Disparities and Underserved Populations*	Moderated Posters 8, Science and Technology Hall
Cardiovascular Seminar		10:45 AM - 12:00 PM	LF.CVS.440	Can We Prescribe a Healthy Old Age?	201AB

\*Not a CME/CE accredited session.

Moderated Digital Posters	11/17/2019	11:35 AM - 12:25 PM	LF.MDP44	Cardiorespiratory Fitness: Digging Deep Into Measurement and Meaning*	Moderated Posters 7, Science and Technology Hall
Cardiovascular Seminar		2:00 PM - 3:15 PM	LF.CVS.413	Understanding the Link Between Adiposity and Heart Failure	201AB
Abstract Poster Session		3:00 PM - 3:30 PM	LF.APS.06	Clinical Risk Scores and Biomarkers*	Zone 3, Science and Technology Hall
			LF.APS.07	Cardiovascular Risk Factors and Biomarkers*	
			LF.APS.08	Clinical Lipidology*	
Best of AHA Specialty Conferences			BASC.04	Best of AHA Specialty Conferences: EPI/Lifestyle 2019*	Best of Specialty Conferences, Science and Technology Hall
Abstract Rapid Fire Oral		3:40 PM - 4:30 PM	LF.RFO28	Immunity, Inflammation and CVD*	Science and Technology Hall A, Booth 605, Level 2
Abstract Oral Session		3:45 PM - 5:00 PM	LF.AOS.564	Exercise Training- Mechanistic Insights and Cardiovascular Adaptation	201AB
Abstract Poster Session	11/18/2019	11:30 AM - 12:00 PM	LF.APS.09	Smoking, Alcohol Use and other Behavioral Risk Factors for CVD*	Zone 3, Science and Technology Hall
			LF.APS.10	Physical Activity and Fitness*	
Moderated Digital Posters		12:40 PM - 1:30 PM	LF.MDP68	Lipids and Lipoproteins: Metabolism and Therapies*	Moderated Posters 7, Science and Technology Hall

\*Not a CME/CE accredited session.

## Population Science

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Abstract Poster Session	11/18/2019	1:30 PM - 2:00 PM	LF.APS.11	Cardiac Rehabilitation- Applying to Subgroups and Optimizing Outcomes*	Zone 3, Science and Technology Hall
			LF.APS.12	Implications and Applications of Physical Activity and Exercise*	

## PREVENTION, HEALTH AND WELLNESS

Hybrid	11/16/2019	9:00 AM - 10:15 AM	PR.HB.563	Socioeconomic Disparities, Humanitarian Crises and Health	204C
Cardiovascular Seminar		10:45 AM - 12:00 PM	PR.CVS.204	Taming the Hydra- Rethinking Nicotine Prevention and Treatment	
Sunday Morning Program	11/17/2019	7:15 AM - 10:15 AM	PR.SMP.173	Update in Clinical Lipidology	
Cardiovascular Seminar		10:45 AM - 12:00 PM	PR.CVS.176	Omega-3 Fatty Acids, EPA and CVD Risk: No Longer a Fish Tale?	
Cardiovascular Seminar		2:00 PM - 3:15 PM	PR.CVS.217	Optimizing Adherence to CVD Treatment Regimens: Best Practices from Behavioral Medicine and Impact of Health Literacy	
Moderated Digital Posters	11/18/2019	12:40 PM - 1:30 PM	PR.MDP71	Stress Testing Exercise and Pharmacologic*	Moderated Posters 8, Science and Technology Hall

\*Not a CME/CE accredited session.

## QUALITY OF CARE

Abstract Oral Session	11/16/2019	7:15 AM - 8:30 AM	QU.A05.507	QCOR's Got Talent - High Impact Oral Abstracts: Arrhythmia Care	202AB
Cardiovascular Seminar		9:00 AM - 10:15 AM	QU.CVS.504	The Cost of Drugs for My Patients and Me: Pricing, Pre-authorization, and Co-Pays	
		10:45 AM - 12:00 PM	QU.CVS.384	Great Debates in Quality and Outcomes	
Abstract Rapid Fire Oral		12:30 PM - 1:20 PM	QU.RFO13	Novel Methods of Risk Prediction*	Science and Technology Hall A, Booth 605, Level 2
Moderated Digital Posters			QU.MDP22	Cost, Financial Toxicity, and Value in Coronary Artery Disease Care*	Moderated Posters 8, Science and Technology Hall
Abstract Poster Session		1:30 PM - 2:00 PM	QU.APS.01	Quality of Care and Outcomes Research*	Zone 3, Science and Technology Hall
Cardiovascular Seminar		2:00 PM - 3:15 PM	QU.CVS.494	Electronic Health Records: The Agony and the Ecstasy	202AB
		3:45 PM - 5:00 PM	QU.CVS.492	Peddling EBM in the Era of Fake News and Dr. Google	
Abstract Poster Session		4:30 PM - 5:00 PM	HT.APS.03	Improving Quality of Care*	Zone 3, Science and Technology Hall
Cardiovascular Seminar		5:30 PM - 6:45 PM	QU.CVS.31	Generic and Branded Drugs: What's in a Name?	202AB
Sunday Morning Program	11/17/2019	7:15 AM - 10:15 AM	QU.SMP.505	What's New in the Guidelines: Updates and Controversies	

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Population Science

SESSION TYPE	DATE	SESSION TIME	SESSION #	SESSION TITLE	LOCATION
Cardiovascular Seminar	11/17/2019	10:45 AM - 12:00 PM	QU.CVS.503	I Googled Your Report Card: Is Public Reporting of Physician and Hospital Performance Good for Patients?	202AB
Moderated Digital Posters		11:35 AM - 12:25 PM	QU.MDP47	Reducing Hospital Readmissions*	Moderated Posters 8, Science and Technology Hall
Abstract Poster Session		12:30 PM - 1:00 PM	QU.APS.02	Improving Outcomes in Atrial Fibrillation*	Zone 3, Science and Technology Hall
			QU.APS.03	Pharmacoquality and Pharmacoeconomics*	
			QU.APS.04	Clinical Guidelines and Quality Improvement*	
Best of AHA Specialty Conferences		3:00 PM - 3:30 PM	BASC.06	Best of AHA Specialty Conferences: QCOR 2019*	Best of Specialty Conferences, Science and Technology Hall
Abstract Oral Session		3:45 PM - 5:00 PM	QU.AOS.520	QCOR's Got Talent - High Impact Oral Abstracts: Costs and Resources	202AB
Abstract Rapid Fire Oral	11/18/2019	10:30 AM - 11:20 AM	QU.RFO38	Improving Outcomes of Acute Coronary Syndromes*	Science and Technology Hall A, Booth 605, Level 2
Moderated Digital Posters			QU.MDP70	Vulnerable Populations and Disparities*	Moderated Posters 8, Science and Technology Hall
Cardiovascular Seminar		10:45 AM - 12:00 PM	QU.ME.600	Value in Healthcare - Transforming Cardiovascular Care	Nutter Theatre

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Abstract Poster Session	11/18/2019	11:30 AM - 12:00 PM	QU.APS.05	Social Determinants of Health*	Zone 3, Science and Technology Hall
			QU.APS.06	Outcomes Variation and Disparities*	
Cardiovascular Seminar		1:30 PM - 2:00 PM	QU.APS.07	Health Care Costs, Quality of Life, and Value*	
			QU.APS.08	Risk Assessment and Clinical Prediction*	
		9:00 AM - 12:15 PM	BC.CVS.100	Bethesda + 41: 50x50x50 - Transforming the Cardiovascular Health of Youth for Generations to Come	

\*Not a CME/CE accredited session.









**SATURDAY, NOVEMBER 16, 2019**

**LOEWS PHILADELPHIA HOTEL • REGENCY AB**

**1200 Market Street • Philadelphia, PA 19107**

**6:30 - 7:00pm: Dinner & Registration • 7:00 - 8:30pm: CME/CE Program**

**CME/CE Dinner Symposium**

**Advanced Strategies to Improve CVD  
Outcomes in Patients with Chronic Coronary  
Artery Disease and Peripheral Artery Disease**

**AGENDA**

- Introduction – **Christopher P. Cannon, MD (Course Chair)**
- The Role of Anticoagulants in Preventive Cardiology in CAD/PAD – **Joshua A. Beckman, MD**
- Interactive Panel Discussion – **Christopher P. Cannon, MD and Expert Panel**
- A Clinical Update on Newer Trial Data for Anticoagulants and Aspirin Combination Therapeutic Strategies for the Treatment of CAD/PAD – **Marc P. Bonaca, MD, MPH**
- Developing Optimal Treatment Plans that Prevent Cardiovascular Events in Patients with CAD/PAD – **Manesh R. Patel, MD**
- Interactive Panel Discussion and Conclusion – **Christopher P. Cannon, MD and Expert Panel**

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**SUNDAY, NOVEMBER 17, 2019**

**PHILADELPHIA MARRIOTT DOWNTOWN • SALON ECD**

**1201 Market Street • Philadelphia, PA 19107**

**6:30 - 7:00pm: Dinner & Registration • 7:00 - 9:00pm: CME/CE Program**

**CME/CE Dinner Symposium**

**New Therapeutic Options for Acute  
and Chronic Hyperkalemia**

**AGENDA**

- Introduction and Case Presentations – **Charles V. Pollack Jr., MD (Course Chair)**
- Hyperkalemia Risk and Disease Burden – **Debbie Castner, RN, MSN, APRN, CNN, NP**
- A Clinical Analysis of Trial Data for the Treatment of Acute and Chronic Hyperkalemia – **Matthew R. Weir, MD**
- Interactive Panel Discussion – **Charles V. Pollack Jr., MD and Expert Panel**
- Optimal Individual Treatment Strategies for Special Populations with Hyperkalemia – **Javed Butler, MD, MPH, MBA**
- Interactive Panel Discussion and Conclusion – **Charles V. Pollack Jr., MD and Expert Panel**

**REGISTER NOW: [academiccme.com/hyperkalemia](http://academiccme.com/hyperkalemia)**

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