



FRIDAY, DECEMBER 7

6:00 a.m. Continental Breakfast and Expo – America's Hall

Introductions

7:15 a.m. **Tim Attebery, MBA** (*by video*)
Chief Executive Officer
American College of Cardiology

C. Michael Valentine, MD, FACC (*by video*)
President
American College of Cardiology

J. Chad Teeters, MD, FACC
President, New York State Chapter
American College of Cardiology

Cardiovascular and Coronary Artery Disease – Challenges in 2018

Session I: New Frontiers

Dr. Bhatt, Presiding

7:30 a.m.	Noninvasive Approach to Subclinical Arterial Disease in 12,000 Subjects Burden of Disease has Prognostic Value thru Imaging and Omics	<i>Dr. Fuster</i>
8:00 a.m.	Invasive Approach to Clinical Arterial Disease in 3,000 Patients Vulnerable Plaques don't have Prognostic Value, Except Value thru Research	<i>Dr. Zadeh</i>
8:25 a.m.	Noninvasive Approach to Inflammation in Coronary Artery Disease Therapeutic Blockade of Innate Immunity	<i>Dr. Ridker</i>
8:50 a.m.	Panel Discussion	<i>Drs. Fuster, Zadeh and Ridker</i>
9:20 a.m.	Coffee and Expo Break – America's Hall	

Session II: Acute Coronary Syndromes

Dr. Bhatt, Presiding

9:40 a.m.	STEMI 1: PCI of Culprit Lesion Alone vs FFR Guided Complete Revascularization Effects on Hard End Points, MACE and Cost Effectiveness	<i>Dr. Bhatt</i>
10:05 a.m.	STEMI 2: Cardiogenic Shock and Revascularization Strategies; Seeking Benefit with Mechanical Support, PCI and CABG	<i>Dr. Hochman</i>
10:30 a.m.	STEMI vs NSTEMI vs STABLE CAD – Post PCI Optimal DAPT Approaches Scoring Type of Stent, Complexity of Disease and Thrombosis vs Bleeding	<i>Dr. Bhatt</i>
10:55 a.m.	STEMI vs NSTEMI vs STABLE CAD – Five Challenging Cases Five Challenging Antithrombotic Approaches	<i>Dr. Angiolillo</i>
11:20 a.m.	Panel Discussion	<i>Drs. Bhatt, Hochman and Angiolillo</i>
Noon	Lunch and Expo Break – America's Hall	

Session III: Systemic Arterial Disease – Chronic Coronary Disease, Stroke and Pulmonary Embolism

Dr. O'Gara, Presiding

1:00 p.m.	Chest Pain Evaluation: Possible vs. Probable CAD No Test vs Stress Test vs CT Angio	<i>Dr. Bax</i>
1:20 p.m.	Complex Stable CAD – Evolving Managements Anatomy (SYNTAX), Ischemic (FFR, iFR) & Microcirculation (PET,CT, MR)	<i>Dr. Fuster</i>
1:45 p.m.	Acute Ischemic Stroke and Chronic Carotid Artery Stenosis Two Entities with Novelty Approaches	<i>Dr. Hopkins</i>



2:05 p.m.	Pulmonary Emboli: Diagnosis Based on Suspicion Management Based on the Acute Severity and Degree of Chronic PH	<i>Dr. Goldhaber</i>
2:25 p.m.	Panel Discussion	<i>Drs. Bax, Fuster, Hopkins and Goldhaber</i>
2:55 p.m.	Coffee and Expo Break – America’s Hall	
Session IV: Trends and Challenges of Approaching Prevention – Health Factors		<i>Dr. Bonow, Presiding</i>
3:15 p.m.	JACC Seminar: Four Challenges to Enhance Eight Health Factors <ol style="list-style-type: none"> 1. Pathophysiological Effects 2. Mechanistic/Triggering Factors 3. Role of Preventive Action 4. Competencies for Training 	<i>Dr. Fuster</i>
3:30 p.m.	1. Nutrition and Diet	<i>Dr. Hu</i>
3:45 p.m.	2. Healthy Weight	<i>Dr. Lavie</i>
4:00 p.m.	3. Physical Activity	<i>Dr. Lavie</i>
4:15 p.m.	4. Tobacco Free	<i>Dr. Rigotti</i>
4:30 p.m.	5. Blood Pressure	<i>Dr. Muntner</i>
4:45 p.m.	6. Cholesterol	<i>Dr. Catapano</i>
5:00 p.m.	7. Blood Sugar	<i>Dr. Ali</i>
5:15 p.m.	8. Psychological Health	<i>Dr. Labarthe</i>
5:30 p.m.	Panel Discussion	<i>Drs. Fuster, Hu, Lavie, Rigotti, Muntner, Catapano, Ali and Labarthe</i>
6:00 p.m.	Adjournment	

SATURDAY, DECEMBER 8

6:15 a.m.	Continental Breakfast and Expo – America’s Hall	
Cardio-Pulmonary and Electrical Failure 2018		
Session V: Systolic Heart Failure and Basis for Management		<i>Dr. O’Connor, Presiding</i>
7:00 a.m.	Evolving Imaging (MRI, PET) as Diagnostic & Prognostic Tools For 7 Cardiomyopathies – Myocarditis, Dilated CM, Hypertrophic CM, Noncompaction LV, Amyloid CM, Sarcoid & Takotsubo	<i>Dr. Bonow</i>
7:25 a.m.	Evolving Clinical Genetics & Omics in Myocardial Disease Which or What Subgroup of the 7 Entities Should be Gene Tested	<i>Dr. Mann</i>
7:50 a.m.	Evolving Understanding of Heart Failure and Preserve Ejection Function: Different Biological Phenotypes and Evolving Therapeutic Options	<i>Dr. Miller</i>
8:20 a.m.	Evolving Therapeutic Approaches to 3 Challenging Cardiomyopathies: Myocarditis, Takotsubo, AL/TTR Amyloid and Non-Compaction LV	<i>Dr. Dec</i>
8:45 a.m.	LVADs – The 3 Upcoming Challenges <ol style="list-style-type: none"> 1. Indications: Not too Late, Not too Early, Since Risks are High 2. New Biocompatible Devices: Equal Transplant Survival of 10 Years 3. Device Explanation: How to Approach such a Dream 	<i>Dr. O’Connor</i>
9:10 a.m.	Panel Discussion	<i>Drs. Bonow, Mann, Miller, Dec and O’Connor</i>



9:40 a.m.	Coffee and Expo Break – America's Hall	
Session VI: Rhythm Disorders, Contemporary and Future Topics of Focus		<i>Dr. Reddy, Presiding</i>
10:00 a.m.	Atrial Fibrillation 2018 – The 14 Non Ablation Clinical Challenges Quality of Life & Preventing Stroke	<i>Dr. Fuster</i>
10:25 a.m.	Atrial Fibrillation: Catheter Ablation – 4 Questions Who?, When?, How?, Results of CABANA.	<i>Dr. Wilber</i>
10:50 a.m.	Left Atrial Appendage Closure – 4 Questions Who?, When?, How?, Results?	<i>Dr. Reddy</i>
11:15 a.m.	Ventricular Arrhythmias: Catheter Ablation – 4 Questions Who?, When ?, How?, Results?	<i>Dr. Marchlinski</i>
11:40 a.m.	Follow up of the 3 Recent Device Therapeutic Approaches CRTs Strict Indications, Subcutaneous ICDs, Leadless Pacemakers	<i>Dr. Gold</i>
Noon	Panel Discussion	<i>Drs. Fuster, Wilber, Reddy, Marchlinski and Gold</i>
12:30 p.m.	Lunch and Expo Break – America's Hall	
Session VII: Valvular Heart Disease and Aorta – Challenges in 2018 Management of Aortic Valve Disease and Aorta		<i>Dr. Nishimura, Presiding</i>
1:30 p.m.	Aortic Valvular Stenosis: 4 Challenging Variables for Management Asymptomatic, Known Cardiomyopathy (i.e. Amyloid), Massive LVH Low Flow/Low Gradient	<i>Dr. Bonow Discussant, Dr. Sharma</i>
1:50 p.m.	Severe Aortic Valvular Stenosis – TVAR in 4 Ages and 4 Etiologies Age 25y Congenital, 50y Bicuspid, 75y Rheumatic, 100y Degenerative	<i>Dr. O'Gara Discussant, Dr. Adams</i>
2:10 p.m.	Asymptomatic Severe Aortic Regurgitation & Normal EF The Dilated LV as a Key for Surgical Intervention	<i>Dr. O'Gara Discussant, Dr. Bonow</i>
2:30 p.m.	The Dilated Thoracic & Abdominal Aorta and Complicating Dissection Evolving Understanding of the Basic Biology & Management	<i>Dr. Fuster Discussant, Dr. Adams</i>
3:00 p.m.	Panel Discussion	<i>Drs. Bonow, Sharma, O'Gara, Adams, Fuster, and Nishimura</i>
3:20 p.m.	Coffee and Expo Break – America's Hall	
Session VIII: Management of Mitral Regurgitation, Tricuspid Regurgitation and Hypertrophic Cardiomyopathy		<i>Dr. Adams, Presiding</i>
3:40 p.m.	Significant Mitral Regurgitation (Low EF, LVEdD, PH or AF) 2 Etiologies (1ary, 2ary), 3 Approaches (Medical, T. Clipping, Surgical)	<i>Dr. Adams Discussant, Dr. Sharma</i>
4:05 p.m.	Significant Tricuspid Regurgitation (2ary, 1ary), 3 Approaches (Medical, T. Coaptation or Suturing, Surgical)	<i>Dr. Nishimura Discussant, Dr. Adams</i>
4:30 p.m.	Hypertrophic Cardiomyopathy – 4 Challenging Questions Genetics/Acquired, Myectomy/3Types, Natural Hx/ICD, Apical Aneurysm	<i>Dr. Nishimura</i>
4:55 p.m.	Panel Discussion	<i>Drs. Adams, Sharma and Nishimura</i>
5:30 p.m.	Adjournment	



SUNDAY, DECEMBER 9

6:30 a.m. Continental Breakfast and Expo – America’s Hall

Year in Review: The Nine Highlights of Progress In 2018

Session IX: Novelty on Genetics, Molecular Signaling and Cell Regeneration

Dr. Fuster, Presiding

7:30 a.m.	Part 1: Progress in Precision Medicine: Merger of Genome Editing and Induced Pluripotent Stem Cells to Decipher CVD	<i>Dr. Wu</i>
7:55 a.m.	Part 2: Progress in Molecular Cardiovascular Medicine – MicroRNAs and Proteomics A New Understanding of Cardiovascular Physiology, Pathology and Future Therapies	<i>Dr. Mayr</i>
8:20 a.m.	Part 3: Progress in Myocardial Regeneration – Stem/Progenitor Cells, Exosomes and iPSCs A New Understanding of Cardiovascular Physiology, Pathology and Future Therapies	<i>Dr. Bolli</i>

Section X: Novelty on Diagnostic and Therapeutic Strategies

8:45 a.m.	Part 1: Tailor-made Decision Making for Surgical or Percutaneous Revascularization Based on Non-invasive Imaging and Comorbidities	<i>Dr. Serruys</i>
9:10 a.m.	Part 2: NIH – Hybrid Revascularization in Multi-Vessel Coronary Disease LIMA – to LAD + PCI of non-LAD vs PCI of all Diseased Vessels	<i>Dr. Puskas</i>
9:35 a.m.	Part 3: Cardiac and Renal Effects of SGLT-2 Inhibitors in Diabetes A New Strategic Possibility for the Treatment of Heart Failure	<i>Dr. Braunwald</i>
10:00 a.m.	Coffee Break – Promenade	

Section XI: Aiming at the Future of Medicine

10:20 a.m.	Part 1: The Future of Health Education Starting at Pre-School Results in 4,000 Children, at Short, Middle and Long Term	<i>Dr. Fuster</i>
10:45 a.m.	HENRY RUSSEK LECTURE 2018 Part 2: The Future of Children Operated for Congenital Heart Disease Evolving of Heart Teams Integrated by Pediatric & Adult Cardiologists	<i>Dr. Warnes</i>
11:15 a.m.	PAUL DUDLEY WHITE LECTURE 2018 PART 3: From Bioprosthetic Valves to Bioprosthetic Hearts – The CARMAT Project	<i>Dr. Carpentier</i>
11:45 a.m.	Course Adjournment	

Final Presentation Materials

The following pages contain a preliminary set of faculty presentations that were received at the time of the printing. You may access final presentation materials in PDF format at ACC.org/nycvsymposiumpdf

A password is not needed to access the presentations.

Helpful tip: You may want to make speaker notes on the following pages that will be useful as you complete the course evaluation.