

## New York Cardiovascular Symposium

December 8-10, 2017

New York Hilton Midtown

**Thursday, December 7**

**2:30 p.m. - Registration – Rhinelander (2<sup>nd</sup> Floor)**  
**6:30 p.m.**

**Friday, December 8**

**6:00 a.m. Registration – Rhinelander (2<sup>nd</sup> Floor)**  
**Continental Breakfast – America's Hall**

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### Introductions

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**7:15 a.m. Shalom Jacobovitz**  
Chief Executive Officer  
American College of Cardiology

**Mary Norine Walsh, MD, FACC**  
President  
American College of Cardiology

**Timothy Malins, MD, FACC**  
Governor, New York Chapter, American College of Cardiology  
President, New York Cardiological Society

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## Cardiovascular and Coronary Artery Disease — Challenges in 2017

### Session I: New Frontiers

*Dr. Bhatt, Presiding*

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**7:30 a.m. Vascular 3D-Ultrasound in Subclinical Systemic Disease: 12,000 Subjects**  
**Feasible, Predictable, Preventable, Futurable**  
*Dr. Fuster*

**8:00 a.m. Intravascular Optical Coherence Tomography in Clinical CAD: 1,400 Patients**  
**Feasibility, Predictability, Preventability, Futurability**  
*Dr. Jang*

**8:25 a.m. Genomics in Myocardial and Structural Heart Disease**  
**From Generic to a Personalized Cardiovascular Approach**  
*Dr. Seidman*

**8:50 a.m. Panel Discussion**  
*Drs. Fuster, Jang and Seidman*

**9:20 a.m. Coffee Break – America's Hall**

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## Session II: Acute Coronary Syndromes

*Dr. Levine, Presiding*

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**9:40 a.m.** STEMI 1: Timing, Mechanical Type and Pharmacology of Reperfusion  
The Three Main Challenges to Decrease Infarct Size and Increase Viability  
*Dr. Ibáñez*

**10:05 a.m.** STEMI 2: PCI of Culprit Lesion Alone vs. FFR Guided Complete Revascularization  
Effects on Hard End Points, MACE and Cost Effectiveness  
*Dr. Bhatt*

**10:30 a.m.** STEMI vs. NSTEMI vs. STABLE CAD: Post PCI Optimal DAPT Duration  
Scoring the Complexity of Stenting and Disease  
*Dr. Yeh*

**10:55 a.m.** STEMI vs. NSTEMI vs. STABLE CAD: Five Challenging Cases  
Five Challenging Antithrombotic Approaches  
*Dr. Levine*

**11:20 a.m.** Panel Discussion  
*Drs. Bhatt, Ibanez, Levine and Yeh*

**12:00 p.m.** Lunch – America's Hall

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

*Dr. Douglas, Presiding*

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**1:00 p.m.** Chest Pain Evaluation: Possible vs. Probable CAD  
No Test, Stress Test or CT Angio?  
*Dr. Douglas*

**1:20 p.m.** Complex Stable CAD: Evolving Evaluation and Management Strategies  
Evaluate: Anatomy (SYNTAX), Ischemia (IFR), Microcirculation (CT, MRI)  
Manage: Optimal Medical Therapy (OMT), PCI (Stents), CABG (IMA)  
*Dr. Fuster*

**1:45 p.m.** Acute Ischemic Stroke and Chronic Carotid Artery Stenosis  
Two Entities with Novel Approaches  
*Dr. Brott*

**2:05 p.m.** Pulmonary Emboli: Diagnosis Based on Suspicion and Management in 2017  
Based on the Acute Severity and Degree of Chronic PH  
*Dr. Piazza*

**2:25 p.m.** Panel Discussion  
*Drs. Brott, Douglas, Fuster and Piazza*

**2:55 p.m.** Coffee Break – America's Hall

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## Session IV: Trends and Challenges of Approaching Prevention

*Dr. Rader, Presiding*

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**3:15 p.m. Aspirin in Primary and Secondary Cardiovascular Disease Prevention:**

**Still Four Questions**

**About Enteric Coated, Indicated Doses, Use in Diabetes, Use in PVD**

*Dr. Patrono*

**3:35 p.m. Lipid Evaluation and Management: Four Evolving “Advances”**

**Familial LDL-C, ApoB, HDL Efflux Capacity and PCSK9 Inhibitors**

*Dr. Rader*

**4:00 p.m. Hypertension (HBP) Evaluation and Management: Three Challenges**

**Identify Those with HBP, Reduce Salt (Amount?) and Personalize BP Target**

*Dr. Spatz*

**4:25 p.m. Diabetes and Obesity: The Four “Hot Spots”**

**Mechanisms of Diabetes, New Agents for Macrovascular Diabetes**

**Weight vs. Obesity in AF, Bariatric Surgery**

*Dr. Fuster*

**4:50 p.m. Panel Discussion**

*Drs. Fuster, Patrono, Rader and Spatz*

**5:30 p.m. Adjournment**

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## Saturday, December 9

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**6:15 a.m. Registration – Rhinelander (2<sup>nd</sup> Floor)**

**Continental Breakfast – America’s Hall**

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## Cardio-Pulmonary and Electrical Failure 2017

### Session V: Systolic Heart Failure and Basis for Management

*Dr. Mann, Presiding*

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**7:00 a.m. Imaging (Echo, MRI, PET) as Diagnostic and Prognostic Tools**

**For Seven Cardiomyopathies: Myocarditis, Dilated CM, Hypertrophic CM, Noncompaction LV, Amyloid CM, Sarcoid and Takotsubo**

*Dr. Bonow*

**7:25 a.m. Therapeutic Approaches to Three Specific Cardiomyopathies**

**Acute/Subacute Myocarditis, AL/TTR Amyloid, Non-compaction LV**

*Dr. Dec*

**7:50 a.m. Systolic and Diastolic Dysfunction:**

**Three Upcoming Challenges Promoting Early Detection**

**HFrEF: Beyond Neprilysin/Enalapril**

**HFmrEF: What Is It and How Does One Manage It?**

**HFpEF: Etiopathogenetic Role and Impact of Comorbidities**

*Dr. Mann*

**8:20 a.m.** **Advanced Heart Failure – The Three Upcoming Challenges**  
**Acute Heart Failure: Is It a Disease that Can Be Treated?**  
**Comorbidities in Heart Failure: Emerging Positive Signals**  
**End Stage Heart Failure: Are We Doing Better?**  
*Dr. O'Connor*

**8:45 a.m.** **State-of-the-Art Management of Pulmonary Hypertension**  
**Monitoring and Approach of the Three Main Etiopathogenesis**  
**L-Sided Failure, Pulmonary Arterial Hypertension, Thromboembolic**  
*Dr. Gomberg-Maitland*

**9:10 a.m.** **Panel Discussion**  
*Drs. Bonow, Dec, Gomberg-Maitland, Mann and O'Connor*

**9:40 a.m.** **Coffee Break – America's Hall**

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**Session VI: Rhythm Disorders, Contemporary and Future Topics of Focus**  
*Dr. Reddy, Presiding*

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**10:00 a.m.** **Innovations in Device Therapies: Three Approaches**  
**CRTs, the Right Indications, Subcutaneous ICDs, Leadless Pacemakers**  
*Dr. Wilber*

**10:25 a.m.** **Ventricular Tachycardia: Catheter Ablation – Four Questions**  
**Who? When? How? Results?**  
*Dr. Reddy*

**10:50 a.m.** **Atrial Fibrillation: Catheter Ablation – Four Questions**  
**Who? When? How? Results?**  
*Dr. Marchlinski*

**11:15 a.m.** **Left Atrial Appendage Closure: Four Questions**  
**Who? When? How? Results?**  
*Dr. Holmes*

**11:40 a.m.** **Atrial Fibrillation 2017: The Fourteen Non-ablation Clinical Challenges**  
**Quality of Life and Preventing Stroke**  
*Dr. Fuster*

**12:00 p.m.** **Panel Discussion**  
*Drs. Fuster, Holmes, Marchlinski, Reddy and Wilber*

**12:30 p.m.** **Lunch – America's Hall**

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**Session VII: Valvular Heart Disease and Aorta – Challenges in 2017**  
**Management of Aortic Valve Disease and Aorta**  
*Dr. O'Gara, Presiding*

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**1:30 p.m.** **Aortic Valvular Stenosis: How to Assess the Four Variables for Management**

**Low Flow / Low Gradient / Normal EF / Low EF**

*Dr. O'Gara*

**1:50 p.m.** **Severe Aortic Valvular Disease: TAVR in Four Ages and Four Etiologies**  
**Age 25 y/o Congenital, 50 y/o Bicuspid, 75 y/o Rheumatic, 100 y/o Degenerative**  
*Drs. Adams, Nishimura and Sharma*

**2:20 p.m.** **The Dilated Thoracic and Abdominal Aorta and Complicating Dissection**  
**Evolving Understanding of the Basic Biology and Management**  
*Dr. Fuster*

**2:45 p.m.** **Panel Discussion**  
*Drs. Adams, Fuster, O'Gara, Nishimura and Sharma*

**3:15 p.m.** **Coffee Break – America's Hall**

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**Session VIII: Management of Mitral Regurgitation and Hypertrophic Cardiomyopathy**  
*Dr. Adams, Presiding*

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**3:35 p.m.** **Significant Mitral Regurgitation (EF, LVEDD, PH or AF): Five Challenges**  
**Two Etiologies (Primary, Secondary), Three Approaches (Medical, Clipping, Surgical)**  
*Drs. Adams, Bonow and Sharma*

**4:05 p.m.** **Transcatheter Replacement for Mitral and Tricuspid Regurgitation**  
**Evolving Approaches Under Investigation**  
*Dr. Rodés-Cabau*

**4:30 p.m.** **Hypertrophic Cardiomyopathy: Four Challenging Questions**  
**Genetics/Acquired, Myectomy/Three Types, Natural Hx/ICD, Apical/Aneurysm**  
*Dr. Nishimura*

**4:55 p.m.** **Panel Discussion**  
*Drs. Adams, Bonow, Nishimura, Rodés-Cabau and Sharma*

**5:30 p.m.** **Adjournment**

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**Sunday, December 10**

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**6:45 a.m.** **Registration – Rhinelander (2<sup>nd</sup> Floor)**  
**Continental Breakfast – America's Hall**

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**Year in Review: The Nine Highlights of Progress in 2017**

*Dr. Fuster, Presiding*

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**Session IX: Novelties on Genetics, Molecular Signaling and Cell Regeneration**

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**7:30 a.m.** **Part 1: Progress in Genetic Medicine – Genome Editing**  
**A New Understanding of Cardiovascular Physiology, Pathology and Future Therapies**  
*Dr. Musunuru*

**7:55 a.m.** **Part 2: Progress in Molecular Cardiovascular Medicine – MicroRNAs, Proteomics and Metabolomics**  
**A New Understanding of Cardiovascular Physiology, Pathology and Future Therapies**  
*Dr. Mayr*

**8:20 a.m.** **Part 3: Progress in Myocardial Regeneration – Exosomes and iPCs**  
**A New Understanding of Cardiovascular Physiology, Pathology and Future Therapies**  
*Dr. Janssens*

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## **Section X: Novelties on Diagnostic and Therapeutic Strategies**

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**8:45 a.m.** **Part 1: Evolving Progress of Cardiovascular Imaging**  
**Redefining Its Role in Biomedical Research and Clinical Practice**  
*Dr. Di Carli*

**9:10 a.m.** **Part 2: Evolving Progress of Coronary Interventional Stents**  
**Bioresorbable Scaffolds – Moving Forward or Backwards?**  
*Dr. Dangas*

**9:35 a.m.** **HENRY RUSSEK LECTURE 2017**  
**Part 3: The Known and Unknown of Transcatheter Aortic Valve Thrombosis**  
*Dr. Bax*

**10:00 a.m.** **Coffee Break – America's Hall**

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## **Section XI: Aiming at the Future of Medicine**

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**10:20 a.m.** **Part 1: The Future of Promoting Health**  
**Should Children's Education Be the Priority Focus?**  
*Dr. Fuster*

**10:45 a.m.** **Part 2: Evolving Progress of Atherothrombotic Therapies**  
**Reducing Inflammation to Reduce Cardiovascular Risk: The CANTOS Trial**  
*Dr. Ridker*

**11:15 a.m.** **PAUL DUDLEY WHITE LECTURE 2017**  
**Part 3: The Future of Personalized Cardiovascular Medicine**  
**A Practical Reality or a Dream Not Economically Feasible?**  
*Dr. Califf*

**11:45 a.m.** **Course Adjournment**