

### American Heart Association

### Scientific Session 2014

### ABSTRACTS and TALKS and PARTICIPATION

### by Stanford Researchers

Visit and support your colleagues at the Nov. 15-19, 2014, in Chicago, IL by checking out some of their abstracts and presentations. The list (updated as of Nov. 11) is below.

For more visit:

* <http://my.americanheart.org/professional/Sessions/ScientificSessions/Scientific-Sessions_UCM_316900_SubHomePage.jsp>
* <http://www.abstractsonline.com/pp8/#!/3547>

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**Sean Wu, MD, PhD**

Basic Cardiovascular Science Council

***YOUNG INVESTIGATOR AWARDEES***

**Ke Yuan, PhD**

Cournand and Comroe Young Investigator Award Awardee

**Haodi Wu, PhD**

Marcus Young Investigator Award in Cardiovascular Science Awardee

***SATURDAY (Nov. 15) TALKS***

Early Career: Team Science, Big Data Research and Finding a Job: A Primer for Early Career Epidemiology and Outcomes Investigators

S504

2:05 p.m.

Opportunities for Big Data Research: AHA and the IOM Continuous Learning from Routinely Collected Data Report

**Robert Harrington**

Early Career Opening General Session: Developing the Skills Needed to Succeed for All Disciplines Part II

S100ab

9:30 a.m.

10 Ways to Improve Your Scientific Writing

**Robert Harrington**

Early Career Opening General Session: Developing the Skills Needed to Succeed for All Disciplines Part II

S100ab

10 a.m.

**Mintu Turakhia**, Moderator

Considering Electrophysiology as a Specialty—Part I

S501

1 p.m.

**Mintu Turakhia**, Moderator

Emerging Researchers from 3CPR Council: How to Build a Road Map for Your Career in

Cardiopulmonary, Critical Care, Perioperative and Resuscitation Research

S401bcd

2:15 p.m.

The Role of Wnt Signaling Pathways in Pulmonary Artery Endothelial Cells

**Vinicio De Jesus Perez**

Early Career: Interventional Cardiology

S403

1:25 p.m.

Adjuncts to Angiography

**William Fearon**

Team Science, Big Data Research and Finding a Job: A Primer for Early Career Epidemiology and Outcomes

Investigators

S504

2:05 p.m.

Opportunities for Big Data Research: AHA and the IOM Continuous Learning from Routinely Collected Data Report

**Robert Harrington**

My Story: A Panel Discussion on the Different Types of EP Career Options—Part II

S501

2 p.m.

**Mintu Turakhia**, Moderator

My Story: A Panel Discussion on the Different Types of EP Career Options—Part II

S501

2 p.m.

Translational Research and Working at a VA

**Mintu Turakhia**

How to Navigate the Omics World

S404bcd

4:45 p.m.

**Paul Burridge**

Early Career EP Clinical Session—Part III

S501

3:15 p.m.

**Sanjiv M. Narayan**, Moderator

***SUNDAY (Nov. 16) TALKS and ABSTRACTS***

Harnessing the Power of Big Data—Bench-to-Bedside, to Population

S100c

8 a.m.

Welcome Address

**Robert Harrington**, Moderator

The Role of mHealth in Management and Prevention of CVD

S100c

5:30 p.m.

**Michael McConnell**, Moderator

A Step-by-Step, How to Do It Course on Advanced Cardiac Surgical Techniques

N227b

8 a.m.

**Y Joseph Woo**, Moderator

Advanced Heart Failure Management Strategies in Pediatric and Congenital Heart Disease

S102bc

8 a.m.

Legal and Ethical Implications of Palliative Care Decisions in Pediatric Heart Failure

**Daniel Bernstein**

Advanced Heart Failure Management Strategies in Pediatric and Congenital Heart Disease

S102bc

8:44 a.m.

Why Cardiac Resynchronization Therapy Indications Differ in Pediatrics and CHD Versus Standard Adult CRT Guidelines

**Anne Dubin**

Breakthroughs and Controversies in Cardiovascular Imaging

N230b

10:37 a.m.

Controversy: Science Fiction or Fact

**Joseph C Wu**

Cardiac Recovery: Lessons Learned and Guidance for Future Steps

S404bcd

8 a.m.

**Francois Haddad**, moderator

Controversies in Prevention of Carotid Artery Stroke

N226

10:38 a.m.

Unrecognized Cognitive Changes After CEA and CAS

**Wei Zhou**

Dietary and Lifestyle Behaviors in Cardiovascular Prevention: Beyond Statins

8:44 a.m.

S501

One Size Does Not Fit All: Effect of Cardiovascular Risk Profile in Response to Diet Composition

**Christopher D Gardner**

Difficult Management Questions in Heart Failure: The If, How and When

8:44 a.m.

S406a

How to Manage a Patient with Severe Aortic Stenosis and Severely Decreased Ejection Fraction, TAVR or Open Surgery?

**David Liang**

Difficult Management Questions in Heart Failure: The If, How and When

10:16 a.m.

S406a

The When and Who of Mechanical Circulatory Support

**Dipanjan Banerjee**

Groundbreaking Studies in the Practice of Cardiovascular Medicine: *Circulation* Editors’ Choices

N231

10:55 a.m.

Spatially Oriented, Temporally Sequential Smooth Muscle Cell-Endothelial Progenitor Cell Bi-Level Cell Sheet Neovascularizes Ischemic Myocardium

**Y Joseph Woo**

Harnessing the Power of Big Data: Bench to Bedside to Population

S100c

8 a.m.

Welcome address

**Robert Harrington**, Moderator

Hypertrophic Cardiomyopathy: Challenging the Guidelines

S101

8:44 a.m.

Genetic Testing: What Do We Learn? Do Genotype-Negative Patients Have HCM?

**Euan Ashley**

Mitochondrial Dynamics in Cardiovascular Disease

S404a

10 a.m.

P110: A Novel Peptide to Modulate Mitochondrial Fission in the Heart

**Daria Mochly-Rosen**

Impact of Sex Differences on Invasive Measures of Coronary Microvascular Dysfunction in Patients With Angina in the Absence of Obstructive Coronary Artery Disease

**Yuhei Kobayashi, Yasuhiro Honda, William F Fearon, Shigemitsu Tanaka, Peter J Fitzgerald,**

**David P Lee, Alan C Yeung, Jennifer A Tremmel**

Function Follows Form: Shape and Substrate Stiffness Drive Maturity in Human Cardiomyocytes Differentiated From Pluripotent Stem Cells

**Alexandre Ribeiro**

Functional Comparison of Human Embryonic Stem Cell- versus Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes in Rat Ischemic Myocardial Infarction Model

**Wenyi Chen**

3D Tri-culture Model Promotes Enhanced Mechanical Forces and Sustained Long-Term Contractility of Human Pluripotent Stem Cell-Derived Cardiomyocytes

**Karina Nakayama**

Impact of Myocardial Bridging on Stent-edge Compression in Left Anterior Descending Coronary Arteries **Shigemitsu Tanaka**

**Yasuhiro Honda**

Prognostically Important Myocardial Infarctions are Markedly Underreported in Patients Undergoing Percutaneous Coronary Intervention: Insights from CHAMPION PHOENIX

**Kenneth W Mahaffey**

**Robert A Harrington**

Clinical and Economic Burden of Rheumatic Heart Disease in Low-Income Nations: Estimating the Cost-of-Illness in India and Uganda

**Alexander T Sandhu**

The Genesips Project: an NHLBI-Sponsored induced Pluripotent Stem Cell (iPSC) Resource for the Study of Cardiovascular Diseases

**Ivan Carcamo-Orive**

**Thomas Quertermous**

Prognostic Study of the J wave Patterns on the Resting Electrocardiogram in Ambulatory Patients

**Vedant S Pargaonkar**

**Victor F Froelicher**

The Personal and Family History Questions in the AHA Cardiovascular Screen for Athletes and the Screening ECG

**Tim Dunn**

**Victor Froelicher**

A Care Transition Bundle for Heart Failure Patients Impacts Hospital Care Access During the 30 Days Following Discharge

**Dipanjan Banerjee**

Variation in Laboratory Monitoring After Initiation of a Mineralocorticoid Receptor Antagonist in Patients With Heart Failure

**Vishal R Chauhan**

**Paul Heidenreich**

Association of Periarterial Low-Echoic Appearance with Progression of Coronary Allograft Vasculopathy and Long-Term Clinical Outcomes in Heart Transplant Patients

**Hideki Kitahara**

**Yasuhiro Honda**

Poster Professor: for Intracoronary Physiology Measurement: Fractional Flow Reserve and Microvasculature section

**Jennifer Tremmel**

Measures of Coronary Microvascular Dysfunction in Patients With Angina in the Absence of Obstructive Coronary Artery Disease

**Yuhei Kobayashi**

**Jennifer A Tremmel**

Locally Produced SAMHD1 Immune Complexes Are Associated With the Development of Idiopathic Pulmonary Arterial Hypertension

**Toshie Saito**

**Marlene Rabinovitch**

A Novel DNA-damage Inducible Interaction between Peroxisome Proliferator Activated Receptor γ and p53 Regulates Pulmonary Arterial Endothelial Cell Homeostasis

**Jan K Hennigs**

**Marlene Rabinovitch**

Poster Professor: for Regulation of Cardiac Structural Development section

**Sean M Wu**

Case Presentation: Coronary Case

South Hall A1 – Booth 1676

3 p.m.

**Jennifer Tremmel**

e-Abstract session

ECG Markes of CVD Risk 1 South Hall A2 – Core 2 Theater

4:40 p.m.

A Prognostic Study of the J wave Patterns on the Resting Electrocardiogram in Ambulatory Patients

**Vedant S Pargaonkar**

**Victor F Froelicher**

Abstract Oral Session

ATVB Early Career Investigator Award Finalists

S104

3:45 p.m.

Nicholas Leeper, Moderator

Abstract Oral Session Cournand and Comroe Young Investigator Prize Finalists

S401bcd

4 p.m.

Activation of the Wnt/Planar Cell Polarity Pathway is Required for Pericyte Recruitment During Pulmonary Angiogenesis

**Ke Yuan**

**Vinicio de Jesus Perez**

CVDY Early Career Investigator Award Finalists

S101

3:45 p.m.

Whole-Genome Sequencing at 10-Days of Life in Perinatal Long-QT Syndrome Yields New Insights Into Disease Pathogenesis

**James R Priest**

**Euan A Ashley**

Oral Abstract Session

Vivien Thomas Young Investigator Award Finalists

N227b

3:45 p.m.

**Michael Fischbein**, Moderator

Melvin L. Marcus Young Investigator Award in Cardiovascular Sciences Finalists

S106

5:15 p.m.

Epigenetic Activation of Phosphodiesterase Subtypes Lead to Compromised Beta- Adrenergic Signaling in Induced Pluripotent Stem Cell-Derived Cardiomyocytes From Dilated Cardiomyopathy Patients

**Haodi Wu**

**Joseph C. Wu**

Cardiovascular Seminar: Controversies in Stroke Prevention in Atrial Fibrillation

S403

5:30 p.m.

What Is the Evidence for and Against Aspirin Monotherapy in Low-Risk AF Patients

**Mintu Turakhia**

Cardiovascular Seminar: Emerging Mechanisms of Abdominal Aortic Aneurysm

S103d

6 p.m.

Regulation of Inflammation AAA Disease by MiR-24

Phillip S Tsao

Cardiovascular Seminar: iPSC-Derived Cardiomyocytes

**Phillip Yang**, Moderator

Cardiovascular Seminar: iPSC-Derived Cardiomyocytes

5:45 p.m.

Patient-Specific Induced Pluripotent Stem Cells

**Joseph C Wu**

Cardiovascular Seminar

The AHA 2020 Goals: Getting Personal—What Does It Have to Do with My Genome?

S101

6:27 p.m.

Genetic Testing to Predict Statin Response and CVD Risk

**Themistocles L Assimes**

Cardiovascular Seminar The Role of mHealth in Management and Prevention of CVD

S100c

5:30 p.m.

**Michael V. McConnell**, moderator

Joint AHA/Progenitor Cell Biology Consortium Session

N230b

6:15 p.m.

How Immature Are PSC-Derived Cardiomyocytes?

**Sean M Wu**

***MONDAY (Nov. 17) TALKS and ABSTRACTS***

Plenary Session

Special: AHA Strategically Focused Network: Directions for Prevention and what Does it Take to be Successful

S106

4:33 p.m.

Lessons from the Outcomes Network: What It Takes to Be Successful

**Mark Hlatky**

miR-28 Induces Oxidative Stress via Nrf2 in Right Ventricular Failure but not in Left Ventricular Failure

South Hall A2

9 a.m.

**Sushma Reddy**

ATVB Women’s Leadership Committee Luncheon

Hyatt Regency McCormick Place (Prairie Ballroom)

12 noon

**Nick Leeper**, Moderator

Abstract Oral Session: William W. L. Glenn Lecture:

Cell and Tissue Engineering Strategies for Heart Failure

S406a

10 a.m.

Direct Comparison of Disease-Specific versus TALEN-Corrected iPSCDerived Cardiomyocytes from Dilated Cardiomyopathy Patients

**Antje Ebert**

**Joseph C Wu**

Joint AHA/Chinese Society of Cardiology Session: Hypertension Management in China—the Gap Between Guideline and Practice

S103bc

9:30 a.m.

Hypertension Management Guidelines: What Are the Main Differences in ESH/ ESC Guideline, JNC8, ASH/ISH Community Guideline and AHA/ACC/CDC Science Advisory?

**Vivek Bhalla**

Joint AHA/Great Wall– International Congress of Cardiology Session: Pulmonary Hypertension Bridge China and America—from Gene to Population

S406b

9 a.m.

**Vinicio De Jesus Perez**, Moderator

Joint AHA/NHLBI Session: Mechanisms of Cell Therapy— a Perspective from a Multicenter Clinical Trial Network S404bcd

9 a.m.

**Phillip Yang**, Moderator

Joint AHA/NHLBI Session: Mechanisms of Cell Therapy— a Perspective from a Multicenter Clinical Trial Network

S404bcd

9 a.m.

In vivo Visualization of Stem Cell Therapy

**Phillip Yang**

Joint AHA/NHLBI Session: Mechanisms of Cell Therapy— a Perspective from a Multicenter Clinical Trial Network

S404bcd

9:30 a.m.

LVAD and Cell Therapy - Feasibility and Efficacy

**Y Joseph Woo**

Poster Professor: for Abstract Poster Session Acute and Chronic Coronary Artery Disease: Quality Care and Outcomes I session

**Paul Heidenreich**

Poster Professor: for Athletes: Arrhythmia—Clinical Electrophysiology, Diagnosis and Risk Stratification

**Victor Froelicher**

Abstract Poster Session

Cellular and Molecular Regulation of Cardiac Development

South Hall A2 – Core 3

Lineage Descendants at Single Cell Resolution

**Guang Li**

**Sean M Wu**

Abstract Poster Session

ECG Markers of CVD Risk II

South Hall A2 - Core 2

Combination of QRS Duration and JT interval is More Prognostic Than the QT interval for Cardiovascular Death in an Ambulatory Population

**David Pickham**

**Victor Froelicher**

Abstract Poster Session

Insights from IVUS, FFR and OCT

South Hall A2 - Core 6

Geographic Distribution of Cardiac Allograft Vasculopathy Associated With Acute Cellular Rejection: A Serial Three-Dimensional IVUS Study of Heart Transplant Recipients

**Kozo Okada**

**Yasuhiro Honda**

Abstract Poster Session

Lipids, Lipid Mediators and Lipoprotein Metabolism: Cellular and Animal II South Hall A2 - Core 2 Hepatic HNF1α Knockdown Reduces Circulating PCSK9 Levels and Increases Liver LDL Receptor Abundance in Mice

**Jingwen Liu**

Abstract Poster Session

South Hall A2 - Core 6

Myocardial Protection, Intraoperative Management and Postoperative Critical Care II

Poster Professor: **Y Joseph Woo**

Abstract Poster Session

Noncoronary Vascular Imaging (CT/MRI/Other)

South Hall A2 - Core 1

Cell Damage and Even Death Detected in Peripheral T-Lymphocytes in Patients Undergoing Cardiac Computed Tomographic Angiography

**Patricia Nguyen**

**Joseph C Wu**

Abstract Poster Session

Novel Targets in Cardioprotection

South Hall A2 - Core 5

Inhibition of the Calcineurin Interaction Site on TRPV1 Reduces Myocardial Infarct Size in Rats

**Eric R Gross**

**Daria Mochly-Rosen**

Best of AHA Specialty Conferences: BCVS 2014

South Hall A2

9 a.m.

miR-28 Induces Oxidative Stress via Nrf2 in Right Ventricular Failure but not in Left Ventricular Failure

**Sushma Reddy**

**Daniel Bernstein**

Cellular and Molecular Regulation of Cardiac Development

South Hall A2 - Core 3 Theater

11:10 a.m.

Identification of Cardiovascular Lineage Descendants at Single Cell Resolution

**Guang Li**

**Sean M. Wu**

Abstract Oral Session

Chest Pain and Acute Coronary Syndromes: Presentation and Representation

S503

11:45 a.m.

Economic Burden of Angina and Chest Pain Following Percutaneous Coronary Intervention: a Real-World Analysis of Multi-Payer US Claims

**Mark A Hlatky**

Acute and Chronic Coronary Artery Disease—Quality Care and Outcomes

South Hall A2 - Core 7 Theater

Paul Heidenreich, Moderator

Abstract Oral Session

Heart Failure: Improving Early Outcomes and Safety

S404a

4:45 a.m.

Incidence Rate of Hyperkalemia-related Hospitalization After Initiation of a Mineralocorticoid Receptor Antagonist in Patients with Heart Failure

**Vishal R Chauhan**

**Paul Heidenreich**

Abstract Oral Session

Pulmonary Hypertension: New Directions

S103d

3:45 p.m.

**Marlene Rabinovitch**, **Vinicio De Jesus Perez,** Moderators

Abstract Oral Session

Pulmonary Hypertension: New Directions

S103d

4:15 a.m.

PPARγ Plays a Novel, Pivotal Role in DNA Damage Sensing and Repair, That is Perturbed in Pulmonary Arterial

Hypertension

**Caiyun G Li**

**Marlene Rabinovitch**

Special

AHA Strategically Focused Network: Directions for Prevention and What Does It Take to Be Successful?

S106

4:33 p.m.

Lessons from the Outcomes Network: What It Takes To Be Successful

**Mark Hlatky**

Abstract Poster Session

Best of Basic Science Abstracts and Reception South Hall A2, Best of Basic Science and Late-Breaking Basic Science Oxido-Reductive Regulation of Human Vascular Remodeling by the Orphan Receptor Tyrosine Kinase Ros1

**Euan A Ashley**

Ask the Experts

Intracoronary Imaging and Physiology: How and When to Use It

N227b

5:54 p.m.

Fractional Flow Reserve: For the Majority of PCI Patients

**William Fearon**

Ask the Experts

Genetics and Heart Failure: What Does the Clinician Need to Know?

S405

6:15 p.m.

Can IPSC Modeling Lead to Personalized Medicine?

**Elena Matsa**

Experts

Ask the Experts: Intracoronary Imaging and Physiology: How and When to Use It

N227b

5:54 p.m.

Fractional Flow Reserve: For the Majority of PCI Patients

**William Fearon**

Advanced and Surgical Treatment of CHF

N226

5:30 p.m.

The Present and Future of Medical Therapy for CHF

**Francois Haddad**

Pulmonary Hypertension with Left-Sided Heart Disease: New Criteria and New Perspective

S406a

6:30 p.m.

The Patient with Advanced Heart Failure and Pulmonary Hypertension: What Is the Best Way to Risk Stratify and Best Manage This Patient?

**Dipanjan Banerjee**

***TUESDAY (Nov. 18) Talks and Abstracts***

Tuesday: Clinical Science: Special Reports

Trials and Cardiovascular Registries

S100ab

8:09 a.m.

Discussant of Intention-to-Tweet: A Randomized Trial of Social Media from Circulation

**Mintu Turakhia**

Special: Distinguished Scientist Lecture

S100ab

12:30 noon

Marlene Rabinovitch, Moderator

Plenary: New Perspectives on Cardiovascular Research: A Global Approach

North Hall B

**Robert Harrington**, Moderator

Plenary: New Perspectives on Cardiovascular Research: A Global Approach

North Hall B

2:30 iPS Cells for Development of Therapeutics

**Joseph C Wu**

Plenary: Reciprocal Extrapolation: Individualizing Care Using Population Data

North Hall B

4 p.m.

Whole Genomes: The Whole Enchilada for Personalized Care!

**Euan Ashley**

Special: Creating a Culture of Health: AHA 2020 Impact Goals

S106

4:30 p.m.

Using Mobile Devices to Monitor and Change Healthy Behaviors

**Michael V McConnell**

Trials and Cardiovascular Registries

S100ab

8:09 a.m.

Discussant of Intention-to-Tweet: A Randomized Trial of Social Media from Circulation

**Mintu Turakhia**

3D Modeling and Printing: Advances and Potential Clinical Applications

N230a

7:30 a.m.

The Why, What and How?

**Paul J Wang**

Joint AHA/Israel Heart Society Session: Advances in Acute Coronary Syndromes

N226

9 a.m.

**Robert Harrington,** Moderators

Plenary: Current Controversies in Coronary Revascularization

North Hall B

9:30 a.m.

Measuring Ischemia to Determine Revascularization: Anatomy, Physiology and Current Tools

**William Fearon**

Abstract Poster Session: Echocardiography: 2D and 3D Myocardial Mechanics

South Hall A2 - Core 1

Myocardial Deformation Imaging and Obstruction in Hypertrophic Cardiomyopathy, Insights from Crosssectional and Post-myectomy Analysis

**Yukari Kobayashi**

**Euan Ashley**

Abstract Poster Session: Genetic Regulation of Cardiomyocytes

South Hall A2 - Core 3

Yy1 Expression is Sufficient for the Mantenance of Cardiac Progenitor Cell State

**Guang Li**

**Sean M Wu**

Abstract Poster Session: Magnetic Resonance Imaging: Heart (Ischemia/Infarction)

South Hall A2 - Core 1

First-in-Human Dual Manganese- and Gadolinium-Enhanced Cardiac MRI Delineates the Peri-Infarct Region in Patients with Severe Ischemic Cardiomyopathy

**Rajesh Dash**

**Phillip C Yang**

Abstract Poster Session: New Insights into Hypertrophy Pathways

South Hall A2 - Core 5

Hypertrophic Cardiomyopathy-causing Mutations in Human Beta-Cardiac Myosin Converter Domain Alter Power Output of Sarcomere Function in Vitro

**Masataka Kawana**

**James Spudich**

Abstract Poster Session: Signaling Mechanisms in Cardioprotection

South Hall A2 - Core 5

Moderate Hypothermia Reduces Infarct/ Injury Size and Preserves Myocardial Function Following Acute Ischemia- Reperfusion Injury

**Rajesh Dash**

**Phillip C Yang**

Abstract Poster Session: Stem/Progenitor Cells: Mechanism of Functions of Stem Cells in Diseases

South Hall A2 - Core 7

Drug Screening in Human Neutral Lipid Storage Disease iPSCells Identifies Modulators of Intracellular Lipid Metabolism That Reduce Disease Phenotype in vitro

**Rajarajan Kuppusamy**

**Sean Wu**

Abstract Oral Session: Cardiovascular Regeneration with Stem/Progenitor Cells

S103d

11:15 a.m.

In Vivo Molecular Imaging of Human Pluripotent Stem Cell-derived Cardiomyocytes in a Murine Myocardial Injury Model via a Safe Harbor Integration of a Reporter Gene

**Eric Rulifson**

**Phillip Yang**

Abstract Oral Session: Case Study Challenges Across the Spectrum of Cardiovascular Disease

S404bcd

11:15 a.m.

A Mitochondrial DNA (OPA1) Deletion Mutation Presenting With Cardiomyopathy and Disproportionate Dyspnea - First Human Case

**Aimee Lee**

**Paul Zei**

Abstract Oral Session: Laennec Clinician/Educator Lecture: Thoracic Aortic Disease

N227b

11:15 a.m.

TEVAR versus Open Descending Thoracic Aortic Repair for the Treatment of Thoracic Aortic Aneurysms: An Analysis of the Medicare Database

**Justin M Schaffer**

**Michael D Dake**

Abstract Oral Session: Laennec Clinician/Educator Lecture: Thoracic Aortic Disease

N227b

11:45 a.m.

Oxidative Stress Contributes to Aneurysm Progression in Marfan Syndrome

**Michael P Fischbein**

Abstract Oral Session: Novel Genes Related to CAD and Risk Factors

S101

11:30 a.m.

Susceptibility Loci for Clinical CAD Predispose to Subclinical Coronary Atherosclerosis Throughout the Life Course

**Themistocles L Assimes**

Late-Breaking Clinical Trials

Treatment of Structural Heart Disease

North Hall B

11:17 a.m.

Discussant of A Randomized Trial Of Losartan In Hypertrophic Cardiomyopathy - The INHERIT Trial

**Euan Ashley**

Special

Distinguished Scientist Lecture

S100ab

Marlene Rabinovitch, Moderator

New Perspectives on Cardiovascular Research: A Global Approach

North Hall B

2 - 3:15 p.m.

**Robert Harrington**, Moderator

New Perspectives on Cardiovascular Research: A Global Approach

North Hall B

2:30 p.m.

iPS Cells for Development of Therapeutics

**Joseph C Wu**

Special: Familial Hypercholesterolemia: Integrating Genetic Information into Clinical Care

S100ab

2 p.m.

**Joshua Knowles**, Moderator

Plenary

Reciprocal Extrapolation: Individualizing Care Using Population Data

North Hall B

4 p.m.

Whole Genomes: The Whole Enchilada for Personalized Care!

**Euan Ashley**

Creating a Culture of Health: AHA 2020 Impact Goals

S106

4:30 p.m.

Using Mobile Devices to Monitor and Change Healthy Behaviors:

**Michael V McConnell**

Ask the Experts: Hot Topics and Debates in Cardiac Surgery

N226

5:30 p.m.

Type A Dissection: DHCA, Selective Antegrade Perfusion or Both?

**Michael Fischbein**

Multimodality Imaging of Cardiac Stem Cells

N230a

5:30 Overview of Cardiac Stem Cell Imaging

**Joseph C Wu**

The Right Side of Heart Failure, Pulmonary Vascular Disease

S406a

5:30 p.m.

**Roham Zamanian**, Moderator

The Right Side of Heart Failure, Pulmonary Vascular Disease

S406a

5:45 p.m.

How Does RV Dysfunction Influence the Management of Heart Failure Patients?

**Francois Haddad**

***WEDNESDAY (Nov. 19) Talks and Abstracts***

Clinical Science: Special Reports: Results of ODYSSEY

S100ab

7:57 a.m.

**Joshua Knowles**

Abstract Oral Session

S104

10:45 a.m.

Novel Players in Angiogenesis Session

**Ngan Huang**

Atrial Fibrillation Ablation

10:45 a.m.

**Sanjiv M Narayan**, Moderator

Arrhythmia Research Summit 2014

N426bc

2:24 p.m.

Mapping to Guide Atrial Fibrillation Ablation

**Sanjiv M Narayan**

Management of Special Etiologies of Heart Failure

S405

8 a.m.

Cardiac Amyloidosis

**Ronald Witteles**

Abstract Poster Session: Application of Molecular Imaging to Improve Diagnosis of Cardiac and Vascular Inflammation

South Hall A2 - Core 1

Molecular Imaging of Matrix Metalloproteinases in Atherosclerosis Using a Novel Multifunctional PET/MRI Nanoparticle

**Zhen Cheng**

Abstract Poster Session: Cardiac Regeneration/Cellular Therapy: Experimental V

South Hall A2 - Core 5

Comparing the Efficacy of Contractile and Pre-Contractile Cardiomyocytes in Restoring the Function of the Injured Myocardium

**Phillip Yang**

Abstract Poster Session

Computed Tomography: Heart (Noncoronary)

South Hall A2 - Core 1

Computed Tomography Angiography Can Replace Cardiac Catheterization in the Surgical Planning of Select Neonates with Major Aortopulmonary Collaterals

**Holly Bauser-Heaton**

**Frandics P Chan**

Abstract Poster Session: Heart Failure: Issues in Clinical Care and Outcomes

South Hall A2 - Core 5

Poster Professor: **Francois Haddad**

Abstract Poster Session: Thoracic Aortic Disease II

South Hall A2 - Core 6

Poster Professor: **Michael Fischbein**

Abstract Oral Session: Atrial Fibrillation Ablation

S401bcd

10:45 a.m.

**Sanjiv M. Narayan**

Abstract Oral Session: Novel Players in Angiogenesis

S104

11:45 a.m.

Nanopatterned Extracellular Matrices Promote Endothelial Sprouting and Arteriogenesis in a Murine Model of Peripheral Arterial Disease

**Ngan F Huang**

**Y Joseph Woo**

Coronary Artery Negative Remodeling and Intimal Thickening Predict Long-Term Clinical

Outcomes After Heart Transplantation

Kozo Okada, Hideki Kitahara, Hyoung-Mo Yang, Hong-Seok Lim, Kyuhachi Otagiri, Shigemitsu

Tanaka, **Yuhei Kobayashi, Paul G Yock, Alan C Yeung, Peter J Fitzgerald, Kiran K Khush, Yasuhiro**

**Honda, William F Fearon**

**Arrhythmia Research Summit (Wed. Nov. 19)**

7 a.m. – 3:45 p.m.

**Paul Wang, MD**, Co-Chair

N426BC

10:37 a.m.

Pluripotential Stem Cells to Study Electrophysiology and Drug Response

**Joseph Wu, MD, PhD**

2:26 p.m.

Mapping to Guide Atrial Fibrillation Ablation

**Sanjiv Narayan**