

### American Heart Association

### Scientific Session 2015

### ABSTRACTS and TALKS and PARTICIPATION

### by Stanford Researchers

Visit and support your colleagues at the Nov. 7-11, 2015, in Orlando, FL by checking out some of their abstracts and presentations. The list (updated as of Nov. 5) is below.

For more visit:

<http://my.americanheart.org/professional/Sessions/ScientificSessions/Scientific-Sessions_UCM_316900_SubHomePage.jsp>

***Nov. 7***

EC.07 - Everything You Wanted To Know About Developing A Career in Cardiovascular Surgery and Anesthesia (Planned by the Council on Cardiovascular Surgery and Anesthesia)

W311EF

1:00 - 1:10 PM *Pro:I6*

**Michael Fischbein**, Palo Alto, CA

3:42 - 3:55 PM *Developing a Mitral Repair Program*

**Joseph Woo**, Stanford

EC.14 - Tricks and the Trade: Pearls and Pitfalls for Early Career Scientists in the 3CPR Specialties (Planned by the Council on Cardiopulmonary, Critical Care, Perioperative and Resuscitation) Part 1

W312C

1:05 - 1:30 PM *Obtaining Your First Faculty Position*

**Vinicio De Jesus Perez**, Stanford

AOS.11.01Y - Samuel A. Levine Young Clinical Investigator Award Finalists

Sunburst - W340B

2:45 - 3:00 PM 103 - *Phase Analysis Detects Human Atrial Fibrillation Sources While Classical Activation Mapping May Not: Reconciling Classical and Computational Mapping*

Includes: **Junaid A.b. Zaman**, Stanford and Imperial Coll London;…Shirley Park, Stanford;…**Paul J Wang**, and **Sanjiv M Narayan**, Stanford

EC.21 - Cardiac Electrophysiology Sessions for AHA Early Career Day - Early Career EP Clinical Session - Part 3

W312AB

3:00 - 5:00 PM Moderator

**Sanjiv Narayan**, Stanford

3:00 - 3:30 PM *Interpretation of the Difficult ECG: SVT*

**Marco Perez**, Stanford

***Nov. 8***

SMP.506 - Clinical Genomics Boot Camp

W304CD

8:00 - 11:00 AM Moderator

**Colleen Caleshu**, Stanford

8:00 - 11:00 AM Moderator

**Euan Ashley**, Stanford

SMP.507 - Genomic Predisposition and Therapeutic Avenues in Pulmonary Hypertension

W307CD

8:20 - 8:40 AM *Whole exome sequencing for the disovery of novel genetic modifiers in PAH*

**Vinicio De Jesus Perez**, Stanford

9:00 - 9:20 AM *Using iPS cells to study genetic predisposition to PH*

**Marlene Rabinovitch**, Stanford

SMP.516 - Managing the Emergency/Cardiogenic Shock Cardiac Surgery Patient

W311GH

8:00 - 11:00 AM Moderator

**Michael Fischbein**, Palo Alto, CA

APS.30.01 – Biomarkers

A2, Clinical Science

9:00 - 10:15 AM *S 4036 - Albuminuria and Outcomes in Patients with Non-ST-segment Elevation Acute Coronary Syndromes: Results From the TRACER Trial*

Includes…**Robert Harrington**, Stanford…**Kenneth Mahaffey**, Stanford…

APS.34.01 - Arrhythmia: Clinical Electrophysiology, Diagnosis and Risk Stratification

A2, Clinical Science

9:00 - 10:15 AM *S 4066 - Impact of Arrhythmias on Pregnancy Related Hospitalizations*

Includes:…**Mintu Turakhia**, Stanford Hosp, Stanford;…

APS.35.01 - Treatment of Arrhythmias: Pharmacologic

A2, Clinical Science

9:00 - 10:15 AM *S 4081 - Efficacy and Safety of Rivaroxaban versus Warfarin in Patients Taking Non-dihydropyridine Calcium Channel Blockers: Results From the ROCKET AF Trial*

Includes:…**Kenneth W Mahaffey**, Stanford; Daniel E Singer, Harvard Medical Sch, Boston, MA; Manesh R Patel, Duke Clinical Res Inst, Durham, NC

9:00 - 10:15 AM *S 4088 - Frequency and Management of Major Bleeding in Atrial Fibrillation Patients Treated with Warfarin and Non-vitamin K Oral Anticoagulants in Community Practice: Results From the ORBIT-AF II Registry*

Includes:…**Kenneth W Mahaffey**, Stanford, Palo Alto, CA;…

APS.36.01 - Treatment of Arrhythmias: Strategies for Ablation of Atrial Fibrillation

A2, Clinical Science

9:00 - 10:15 AM *S 4096 - Defining Clinical Indexes of Good Basket Placement that Predict Successful Outcome From Atrial Fibrillation Rotor Ablation*

Includes: **Tina Baykaner, Junaid Zaman**, Stanford;… Sanjiv M Narayan, Stanford

APS.36.02 - Treatment of Arrhythmias: Outcomes of Ablation for Atrial Fibrillation

A2, Clinical Science

9:00 - 10:15 AM *S 4108 - Impact of Right and Left Atrial Remodeling on Outcomes From Atrial Fibrillation Rotor Ablation*

Includes: **Tina Baykaner, Junaid Zaman**, Stanford;… Sanjiv M Narayan, Stanford

APS.37.01 - Treatment of Arrhythmias: ICD/Pacemaker - excluding CRT

A2, Clinical Science

9:00 - 10:15 AM *S 4109 - Clinical Predictors and Financial Implications of Permanent Pacemaker Implantation in Patients Undergoing TAVR: A Nationwide Study*

Includes:…**Minang Turakhia**, Stanford…

APS.85.01 – Potpourri

A2, Population Science

9:00 - 10:15 AM *S 2081 - The Efficacy and Safety of Third Generation P2Y12 Inhibitors in Women versus Men: A Sex-specific Meta-analysis*

Includes…**Robert A. Harrington**, Stanford;…

9:00 - 10:15 AM *S 2088 - The Effect of Cangrelor on Cardiovascular and Bleeding Events in Patients with Peripheral Artery Disease - Insights From CHAMPION PHOENIX*

Includes:…**Robert A Harrington**, Stanford…**Kenneth Mahaffey**, Stanford;

APS.95.01 - Outcomes Research in Congenital Heart Disease

A2, Special Focus

9:00 - 10:15 AM *S 3002 - Mid-term Ventricular Function After Transcatheter Pulmonary Valve Replacement in Patients with Tetralogy of Fallot: Serial Analysis According to Mechanism of Pre-implant Right Ventricular Outflow Tract Dysfunction*

Includes:…**Doff B McElhinney**, Stanford

SMP.519 - What's New in Peripheral Vascular Disease: State of the Art for the Cardiovascular Clinician

W205BC

10:30 - 11:00 AM *Abdominal Aortic Aneurysm*

**Ronald L Dalman**, Stanford

SMP.520 - Cardiovascular Infections

W110B

10:30 - 11:00 AM *ECMO/VAD Infections*

**Christopher Almond**, Palo Alto, CA, Lucile Salter Packard Children's Hospital

EP.01 - EP Central: Jeopardy - Electrophysiology Quiz Show East vs. West

Science & Technology Hall, Booth 1125

11:00 - 12:00 PM Moderator

**Paul J Wang**, Stanford

11:00 - 12:00 PM Participant

**Junaid A. B. Zaman**, Stanford

OPS.01 - Opening Session

2:08 - 2:11 PM Joseph A. Vita Award Presented to:

**Joseph C Wu**, Stanford

APS.33.02 - Arrhythmias in Experimental Models II

A2, Clinical Science

2:00 - 3:15 PM *S 4269 - Electrogram Amplitude is Reduced at Rotor Sites Critical to Maintenance of Human Persistent Atrial Fibrillation*

Includes: **Junaid A.B. Zaman**, Stanford & Imperial Coll London, Stanford;…**Shirley Park**, Stanford;… **Paul J Wang, Sanjiv M Narayan**, Stanford

APS.34.03 - Arrhythmia: Clinical Electrophysiology, Diagnosis and Risk Stratification III

A2, Clinical Science  
2:00 - 3:15 PM *S 4282 - Functional Substrates as the Strongest Predictor of Outcomes in Patients Presenting for Ventricular Arrhythmia Ablation*

Includes: **Sanjiv Narayan**, Stanford;…

APS.54.04 - Ventricular Function/Hemodynamics and Biomarkers IV

A2, Clinical Science

2:00 - 3:15 PM *S 4351 - The Myocardial Contraction Fraction Predicts Survival in Patients with AL Cardiac* Includes:…**Ronald M Witteles**, Stanford…

APS.69.01 - Catheter-Based Coronary Imaging and Hemodynamics

A2, Clinical Science

2:00 - 3:15 PM Poster Professor

**William Fearon**, Stanford

2:00 - 3:15 PM *S 4462 - The Relationship Between Coronary Microvascular Dysfunction and Preclinical Left Ventricular Diastolic Dysfunction: Invasive Physiologic and Echocardiographic Study*

**Yuhei Kobayashi, Yukari Kobayashi, Francois Haddad, Vedant Pargaonkar, David P Lee, William F Fearon, Alan C Yeung, Jennifer A Tremmel**, Stanford

APS.72.03 - Novel Mechanistic Insights into Pulmonary Arterial Hypertension

A2, Clinical Science

2:00 - 3:15 PM *S 4490 - Contact-mediated Interaction Between Pulmonary Artery Endothelial and Smooth Muscle Cells Promotes a BMPR2-β-catenin-Notch1 Signal Causing Hyperpolarization of Endothelial Mitochondria and a Stalk Cell-like Phenotype*

**Kazuya Miyagawa, Caiyun G Li, Jan K Hennigs, Shalina Taylor, Jan-Renier Moonen, Silin Sa, Lingli Wang, Aiqin Cao, Marlene Rabinovitch**, Stanford

APS.86.01 - Heart Failure and Atrial Fibrillation

A2, Population Science

2:00 - 3:15 PM *S 2120 - Persistence with Antiarrhythmic Agents in Atrial Fibrillation: Insights From the Veterans Health Administration*

Includes:…**Mintu Turakhia**, Stanford…

2:00 - 3:15 PM *S 2121 - Secular Trends in Complications of Atrial Fibrillation 2004-2012: The Treat-AF Study*

**Daniel W Kaiser, Alexander C Perino**, Stanford; **Jun Fan, Susan Schmitt**, Veterans Affairs Palo Alto Health Care System, Palo Alto, CA; **Mintu P Turakhia**, Stanford

APS.91.01 - Epidemiology and Population Studies: Environment, Lifestyle and Sociodemographic effects on Cardiovascular Disease

A2, Population Science

2:00 - 3:15 PM *S 2152 - Elevated Maternal Glucose Levels During Gestation may Confer Specific Risk for Tetralogy of Fallot*

**James R Priest, Wei Yang, Gerald Reaven, Joshua W. Knowles, Gary M Shaw**, Stanford

APS.98.01 - Optimizing Care in the Pediatric Cardiac Intensive Care Unit

A2, Special Focus

2:00 - 3:15 PM *S 3042 - Peritoneal Dialysis vs. Furosemide for the Treatment of Oliguria in Infants After Cardiopulmonary Bypass*

Includes:…**David M Kwiatkowski**, Lucile Packard Children's Hosp Stanford, Palo Alto, CA;…**Catherine D Krawczeski**, Lucile Packard Children's Hosp Stanford, Palo Alto, CA

APS.102.01 - Percutaneous Valvular Interventions: Outcomes

A2, Population Science

2:00 - 3:15 PM *S 2096 - Cost-effectiveness of Percutaneous Closure of the Left Atrial Appendage in Atrial Fibrillation Based on Results From PROTECT AF vs. PREVAIL*

Includes:…**Mark A. Hlatky**, Stanford; **Paul A. Heidenreich**, VA Palo Alto Heath Care System, Palo Alto, CA; **Paul J. Wang**, Stanford;…**Mintu P. Turakhia**, VA Palo Alto Heath Care System, Palo Alto, CA

APS.106.01 - Culture of Health

2:00 - 3:15 PM  *S 2101 - Measures of Patient Activation and Social Support in a Peer-led Support Network for Women with CVD*

Includes:…**Kathy Berra**, Stanford, Menlo Park, CA

ATE.154 - Advances in Identifying and Treating Familial Hyperlipidemia

W209AB

3:45 - 4:05 PM *What's new in Familial Hypercholesterolemia Guidelines*

**Joshua Knowles**, Stanford

AOS.01.01Y - ATVB Early Career Investigator Award Finalists

W303

3:45 - 4:45 PM Moderator

**Nicholas Leeper**, Stanford

AOS.20.01Y - Elizabeth Barrett-Connor Research Award for Young Investigators in Training Finalists

W203

3:45 - 4:00 PM *132 - Favorable Cardiovascular Health and the Compression of Morbidity: Findings From the Chicago Heart Detection Project in Industry Study*

Includes:…**Jim Fries**, Stanford…

4:45 - 5:00 PM *136 - Differences in Natriuretic Peptide Levels by Race/Ethnicity in the Multi-ethnic Study of Atherosclerosis*

Include:…**Hossein Bahrami**, Stanford;…

AOS.09.04 - Arrhythmias and Electrophysiology IV

W312C

3:45 - 5:00 PM Moderator

**Mintu Turakhia**, Palo Alto, CA

AOS.23.02Y - CVDY Early Career Investigator Award Finalists

W110B

4:00 - 4:15 PM *146 - Modeling Duchenne Muscular Dystrophy (DMD) Cardiomyopathy Using Patient-specific Induced Pluripotent Stem Cell-derived Cardiomyocytes*

Includes:…**Joseph C Wu**, Stanford, Palo Alto, CA;…

AOS.23.04 - Outcomes in Pediatric Heart Failure and Cardiac Transplantation

W110A

4:45 - 5:00 PM 164 - *US Center Variability in the Incidence of Stroke for the Berlin Heart EXCOR Pediatric Ventricular Assist Device*

Includes: **Christopher S Almond**, Stanford, Palo Alto, CA;…**Katsuhide Maeda, Andrew Y Shin, David N Rosenthal**, Stanford, Palo Alto, CA

CVS.200 - Extracellular Vesicles & Cardiovascular Disease: Good Things Come in Small Packages?

W300

3:45 - 5:00 PM Moderator

**Joseph C Wu**, Stanford

CVS.241 - Targeting Inflammation in Pulmonary Hypertension

W311AB

4:00 - 4:15 PM *Regulatory T cell Dysfunction in Pulmonary Arterial Hypertension*

**Mark Nicolls**, Stanford

EAS.08.01 - eAbstract Session: Chronic and Acute Ischemic Heart Disease I

A2, Clinical Science Theater I

4:35 - 4:45 PM *610 - Variation in Patient Profiles and Outcomes in US and non-US Subgroups of the Cangrelor versus Standard Therapy to Achieve Optimal Management of Platelet Inhibition (CHAMPION) PHOENIX Trial*

Includes:…**Robert A Harrington**, Stanford;…Kenneth W Mahaffey, Stanford;

CVS.301 - Ventricular Assist Devices: Real World Situations

W311GH

5:30 - 5:45 PM *Right Ventricular Management in LVAD patients*

**Richard Ha**, Stanford

CVS.321 - Update on Exercise Therapy for PAD Patients

W205A

5:30 - 6:45 PM Moderator

**Nicholas Leeper**, Stanford

APS.03.02 - Mechanisms of Atherosclerosis II:Smooth Muscle Cells

A2, Basic Science

5:30 - 6:45 PM *S 1041 - TCF21 Regulates Coronary Artery Disease Causing Aryl-hydrocarbon Receptor Gene Expression and its Downstream Pathway Activation by Environmental Ligands*

**Juyong Brian Kim**, Div of Cardiology, Cardiovascular Inst, Stanford**; Milos Pjanic**, **Olga Sazanova**, **Tina Wang**, **Clint Miller**, **Thomas Quertermous**, Stanford

AOS.10.02 - Myocardial Protection and Perioperative Management

W311EF

5:45 - 6:00 PM *203 - Pre-reperfusion Rapid Endovascular Hypothermia Exhibits a Strong Dose-dependent Reduction in Infarct Size in a Porcine Ischemia Reperfusion Model*

Includes: **Rajesh Dash, Fumiaki Ikeno, Yoshiaki Mitsutake, Wook Bum Pyun, Jennifer K Lyons**, Stanford; … **Alan C. Yeung**, Stanford

APS.06.01 - Stem/Progenitor Cells

A2, Basic Science

5:30 - 6:45 PM *S 1074 - Optimal Activation of Innate Immunity in Necessary for Induced Pluripotent Stem Cell Generation*

Includes:…**Nazish Sayed**, Stanford, Palo Alto, CA

APS.14.01 - Gene Expression/Molecular Biology

A2, Basic Science

5:30 - 6:45 PM *S 1124 - The Serum Level of Mir-30a-3p And Mir-31-5p Can Discriminate Responders From Non-responders to CD34 + Cell Therapy in Patients with Dilated Cardiomyopathy*

Includes:…**Francois Haddad**, Stanford Cardiovascular Inst, Palo Alto, CA…

APS.23.01 - Cell and Tissue Engineering Based Therapies

A2, Basic Science

5:30 - 6:45 PM *S 1168 - Effects of Transendocardial CD34+ Cell Transplantation on Diastolic Parameters in Patients with Non-ischemic Dilated Cardiomyopathy*

Includes:…**Francois Haddad**, Stanford Cardiovascular Inst, Palo Alto, CA…

APS.25.01 - Mechanisms of Cardiovascular Inflammation

A2, Basic Science

5:30 - 6:45 PM *S 1183 - Relevance of Regulatory T Cells to Gender Dimorphism in Pulmonary Hypertension*

Includes: **Rasa Tamosiuniene**, Stanford VA Medical Ctr, Palo Alto, CA; **Linh Nguyen**, Stanford, Palo Alto, CA; **Ayala Luria, Joshua Sante**, Stanford VA Medical Ctr, Palo Alto, CA; **Toshie Saito, Marlene Rabinovitch,** Stanford, Palo Alto, CA;…**Aida Habtezion**, Stanford, Palo Alto, CA; **Mark Nicolls**, Stanford VA Medical Ctr, Palo Alto, CA

APS.01.01 - New Insights into Treatment of Cardiovascular Disease

A2, Basic Science

5:30 - 6:45 PM *S 1003 - Antagonism of Rosuvastatin-induced Elevation of Circulating PCSK9 in Hamsters by Liver-specific Knockdown of HNF1α or HNF1β*

**Bin Dong, Amar B Singh, Vikram R Shende, Jingwen Liu**, VA Palo Alto Health Care System, Palo Alto, CA

CVS.335 - Heart Failure and Transplantation: New Innovations and Special Patient Populations

W110B

6:00 - 6:15 PM *Multiorgan Transplant: is the heart not enough?*

**David Rosenthal**, Palo Alto, CA

CVS.336 - Tetralogy of Fallot: Diagnostic and Management Dilemmas

W110A

6:00 - 6:15 PM *Risk Stratification and treatment for Arrhythmias in TOF*

**Scott Ceresnak**, Palo Alto, CA

EAS.09.01 - eAbstract Session: Arrhythmias and Electrophysiology

A2, Clinical Science Theater I

6:10 - 6:20 PM *637 - Cost-effectiveness of the CardioMems Implantable Pulmonary Artery Pressure Monitoring System in Patients with Chronic Heart Failure*

**Alexander T Sandhu**, Veterans Affairs Palo Alto Health Care System, Palo Alto, CA; **Jeremy D Goldhaber-Fiebert**, Stanford; **Mintu P. Turakhia, Daniel W. Kaiser, Paul A. Heidenreich**, Veterans Affairs Palo Alto Health Care System, Palo Alto, CA

***Nov. 9***

ARS.1 - Genesis of Ventricular Arrhythmias

W224GH

7:25 - 7:30 AM *Introductions*

**Paul J Wang**, Stanford

CS.01 - Novel Findings from Next Generation Registries

Chapin Theater

9:00 - 9:15 AM *How Can Registries Support New Evidence?*

**Robert Harrington**, Stanford

9:30 - 9:40 AM *Examining Prevailing Genotype-Phenotype Correlations in Hypertrophic Cardiomyopathy: Findings From the Sarcomeric Human Cardiomyopathy Registry (SHaRe)*

Includes: **Euan A Ashley**, Stanford Hosp and Clinics, Palo Alto, CA and **Colleen Caleshu**, Stanford Hosp and Clinics, Palo Alto, CA

ATE.131 - Flipped Classroom - Clinical Conundrums

W311EF

9:00 - 10:15 AM Moderator

**William Fearon**, Stanford

APS.26.02 - Unstable Angina, NSTEMI and STEMI: Diagnosis and Pathophysiology II

A2, Clinical Science

9:00 - 10:15 AM *M 4000 - The Systematic Evaluation of Identifying the Infarct Related Artery Utilizing Cardiac Magnetic Resonance in Patients Presenting with ST-elevation Myocardial Infarction*

Includes:..**Robert A Harrington**, Stanford, Palo Alto, CA;…

APS.34.04 - Arrhythmia: Clinical Electrophysiology, Diagnosis and Risk Stratification IV

A2, Clinical Science

9:00 - 10:15 AM *M 4058 - Comparative Performance of the R2Chads2, Chads2, and Cha2Ds2-vasc Scores in Atrial Fibrillation*

Includes:…**Kenneth W Mahaffey**, Stanford Sch of Med;…

APS.35.02 - Treatment of Arrhythmias: Pharmacologic II

A2, Clinical Science

9:00 - 10:15 AM *M 4075 - The Electrocardiographic Effects of Intranasal Formulations of a New Calcium Channel Blocker, MSP-2017, are Consistent with a Potential Treatment of Paroxysmal Supraventricular Tachycardia: Results of a Phase I Dose Escalation Study*

Includes: **Philip T Sager**, Stanford Consulting Professor;…

APS.36.04 - Treatment of Arrhythmias: Evaluating Technologies for Ablation of Arrhythmias

A2, Clinical Science

9:00 - 10:15 AM *M 4086 - Cryoballoon Ablation of Pulmonary Veins for Paroxysmal Atrial Fibrillation: Retrospective Review of Arctic Front Advance Cryoballoon Ablation (RADiCOOL) Trial*

Includes:…**Paul Wang**, Stanford

APS.39.02 - Issues in Coronary Revascularization

A2, Clinical Science

9:00 - 10:15 AM *M 4129 - Impact of Myocardial Bridging on the Degree and Distribution of Endothelial Dysfunction in the Left Anterior Descending Coronary Artery*

**Takumi Kimura, Yuhei Kobayashi, Tanaka Shigemitsu, Kozo Okada, Hideki Kitahara, Vedant Pargaonkar, Paul Yock, Peter J Fitzgerald, Yasuhiro Honda, Ian S Rogers, Ingela Schnittger, Jennifer A Tremmel**, Stanford

APS.43.01 - Thoracic Aortic Disease, Perioperative Management and Translational Science

A2, Clinical Science

9:00 - 10:15 AM *M 4152 - Rapid Progressive Thoracic and Abdominal Aneurysm Model in Fbn1C1039G/+ Mice Treated with Angiotensin Ii*

**Mamoru Arakawa, Tiffnay Kimiko Koyano, Fabian Emrich, Albert James Pedroza, Emma Magavern, Tetsuya Sato, Kiril Penov, Hideo Adachi, Michael P Fischbein**, Stanford

APS.44.01 - Surgical Revascularization for Ischemic Heart Disease

A2, Clinical Science

9:00 - 10:15 AM *M 4167 - Clinical Outcome and Short-term Follow-up After Surgical Unroofing of a Myocardial Bridge in Patients with Angina and No Obstructive Coronary Artery Disease*

**Vedant S Pargaonkar, Ingela Schnittger, Jennifer A Tremmel, Ian Rogers, Shigemitsu Tanaka, Ryotaro Yamada, Takumi Kimura**, Stanford; **Michael Fischbein, R Scott Mitchell, Jack Boyd**, Stanford, Dept of Cardiothoracic Surgery, Stanford

9:00 - 10:15 AM *M 4168 - Outcomes of Coronary Artery Bypass Grafting in 1.9 Million Medicare Patients From 1999-2010*

**Justin M Schaffer, Bharathi Lingala, James I Fann, Thomas A Burdon, W David Ogden, Y Joseph Woo, Jack H Boyd**, Stanford

APS.52.02 - Medical Aspects End Stage Heart Failure: Transplantation and Device Therapies II

A2, Clinical Science

9:00 - 10:15 AM *M 4205 - Does Small Size Matter with Continuous Flow Devices: Analysis of the INTERMACS Database of Adults with BSA ≤1.5m2*

Includes:…**David N Rosenthal**, Lucile Packard Children's Hosp, Palo Alto, CA;…

APS.80.02 - Nutrition in CVD Risk and Prevention II

A2, Population Science

9:00 - 10:15 AM *M 2021 - Dietary Sodium, Potassium Levels and Sodium Potassium Ratios in India Using 24-hour Urinary Excretion Assessment*

Includes:…**Shuchi Anand**, Stanford;…

APS.85.03 - Anticoagulation in Atrial Fibrillation

A2, Population Science

9:00 - 10:15 AM *M 2076 - Therapeutic Strategies Following Major Bleeding in Atrial Fibrillation: Findings From ORBIT-AF*

Includes:…**Kenneth Mahaffey**, Stanford Sch of Med, Stanford;…

APS.95.04 - It's Not Just the Heart

9:00 - 10:15 AM Poster Professor

**Catherine Krawczeski**, Palo Alto, CA

APS.96.02 - Fetal, Postnatal and Pediatric Imaging

A2, Special Focus

9:00 - 10:15 AM *M 3036 - Pathophysiologic Progression From the Second to Third Trimester in Fetuses with Ebstein's Anomaly or Tricuspid Valve Dysplasia: are Early Echocardiographic Features Reliable Indicators of Late Gestation Status?*

Includes:…**Elif Seda Selamet Tierney, Doff B McElhinney**, Stanford, Palo Alto, CA;…Norman H Silverman, Stanford;…

BASC.02 - Best of AHA Specialty Conferences: EPI/Lifestyle 2015

A2, Best of AHA Specialty Conferences

9:30 - 11:00 AM *EPI09 - Cardiovascular Health in Young Adulthood and Middle Age is Associated With Cumulative Burden of Morbidity in Older Age*

Includes: **Jim Fries**, Stanford, Palo Alto, CA

9:30 - 11:00 AM *EPI14 - Higher Fitness is Associated With Lower Heath Care Costs: The Veterans Exercise Testing Study*

Includes: **Jonathan Myers**, VA Palo Alto Health Care System/Stanford, Palo Alto, CA; **Rachelle Doom**, VA Palo Alto Health Care System, Palo Alto, CA; **Robert King**, VA Palo Alto Health Care Systrem, Palo Alto, CA; **Holly Fonda, Joshua Abella**, VA Palo Alto Health Care System, Palo Alto, CA; **Victor Froelicher,** VA Palo Alto Health Care System/Stanford, Palo Alto, CA; … **Khin Chan**, VA Palo Alto Health Care System, Palo Alto, CA

BASC.03 - Best of AHA Specialty Conferences: ATVB 2015

A2, Best of AHA Specialty Conferences

9:30 - 11:00 AM *ATVB02 - The Effects of a Sustained-Release N-acetylcysteine Prodrug on Vascular Inflammation in Experimental Atherosclerosis*

Includes:…**Joshua M Spin**, Stanford;…**Michael V McConnell**, Stanford

9:30 - 11:00 AM *ATVB02 - The Effects of a Sustained-Release N-acetylcysteine Prodrug on Vascular Inflammation in Experimental Atherosclerosis*

Includes:…**Joshua M Spin**, Stanford;…**Michael V McConnell**, Stanford

9:30 - 11:00 AM *ATVB04 - Mechanistic Studies of HDL Mimetic Peptide ATI-5261 Reveal Aspects of Class A Alpha-helix Structure that Induce Cytotoxicity and Hypertriglyceridemia in vivo: Design of Safe Analogs With Potent Anti-atherosclerosis and Anti-diabetic Actions*

Includes:…**Juveria Tabassum**, VA Palo Alto Health Care System, Stanford, Palo Alto, CA;…**Salman Azhar**, VA Palo Alto Health Care System, Stanford, Palo Alto, CA

BASC.04 - Best of AHA Specialty Conferences: BCVS 2015

A2, Best of AHA Specialty Conferences

9:30 - 11:00 AM *BCVS01 - Aberrant TGFβ Signaling as an Etiology of Left Ventricular Non-compaction Cardiomyopathy*

**Kazuki Kodo, Sang-Ging Ong**, Stanford Cardiovascular Inst, Stanford; **Fereshteh Jahanbani**, Stanford, Dept of Genetics, Stanford; **Vittavat Termglinchan, Kolsoum InanlooRahatloo, Antje D Ebert, Praveen Shukla, Oscar J Abilez, Jared M Churko, Ioannis Karakikes, Gwanghyun Jung**, Stanford Cardiovascular Inst, Stanford; **Michael P Snyder**, Stanford, Dept of Genetics, Stanford; **Daniel Bernstein, Joseph C Wu**, Stanford Cardiovascular Inst, Stanford

9:30 - 11:00 AM *BCVS10 - High-throughput Single Cell Tracking of Mitochondrial Function in Cardiomyocytes*

**Giovanni Fajardo, Kristi Bezold, Tobias Meyer, Daria Mochly-Rosen, Daniel Bernstein**, Stanford

BASC.06 - Best of AHA Specialty Conferences: QCOR 2015

A2, Best of AHA Specialty Conferences

9:30 - 11:00 AM *QCOR14 - Impact of Financial Incentives on Variation in Use of Cardiac Imaging Tests*

Includes:…**Sheeva Rajaei**, Stanford; **Paul Heidenreich**, VA Palo Alto Health Care System, Palo Alto, CA;…

9:30 - 11:00 AM *QCOR19 - Racial Disparities in Echocardiography Use Within The Veterans Administration and Medicare Systems*

Includes:…**Sheeva Rajaei**, Stanford, Palo Alto, CA;…**Mintu Turakhia, Ilana Richman**, Stanford, Palo Alto, CA; **Anju Sahay**, Palo Alto VA, Palo Alto, CA;…**Paul A Heidenreich**, Stanford, Palo Alto, CA

9:30 - 11:00 AM *QCOR28 - Clinical Characteristics and Treatment Patterns of Medicaid Patients With Atrial Fibrillation: Insights From the ORBIT-AF I Registry*

Includes:…**Kenneth W. Mahaffey**, Stanford Sch of Med, Stanford;…

PS.10 - The Future of Precision Medicine: Impact on Disease and Health and Resources Required

Hall D

9:45 - 10:05 AM Panel Participant

**Nicholas Leeper**, Stanford

CT.08 - Spotlight Series: Preventing Stroke in Atrial Fibrillation: New Concepts, Treatments, and Challenges

A1, Case Theater

10:00 - 11:00 AM *Preventing Stroke in Atrial Fibrillation: New Concepts, Treatments, and Challenges*

**Mintu Turakhia**, Palo Alto, CA

HT.02 - Connected Health Care: Clinical, Technical, and Regulatory Challenges

W209AB

10:45 - 12:00 PM Moderator

**Michael V McConnell**, Stanford

PS.02 - Therapeutic Decisions in Non-ST Elevation Myocardial Infarction

W109

10:45 - 12:00 PM Moderator

**Robert Harrington**, Stanford

ATE.117 - Evaluation and Rx of the Patient with a Family History of Premature CAD

W304CD

10:45 - 12:00 PM Moderator

**Joshua Knowles**, Stanford

AOS.10.03 - Intervention and Surgery III: Mitral Valve

W311EF

10:45 - 12:00 PM Moderator

**Jack Boyd**, Stanford

ARS.4 - Intervention for SCD Protection

W224GH

10:47 - 10:53 AM *Pluripotential Stem Cells to Study Electrophysiology and Drug Response*

**Joseph C Wu**, Stanford

EAS.11.01 - eAbstract Session: Advances in Coronary Interventions and Imaging

A2, Clinical Science Theater II

11:15 - 11:25 AM *699 - Attenuated-signal Plaque Progression Predicts Long-term Mortality After Heart Transplantation*

**Kozo Okada**, Stanford; **Hideki Kitahara, Takumi Kimura, Paul G Yock, Alan C Yeung, Peter J Fitzgerald, Helen Luikart, Kiran K Khush, William F Fearon, Yasuhiro Honda**, Stanford Div of Cardiovascular Med, Stanford

EP.03 - EP Central: Considerations for a Successful EP Career: The Top 5's

Science & Technology Hall, Booth 1125

11:36 - 11:48 AM *Top 5 Ways That Digital Health is Going to Arrhythmia Care*

**Mintu Turakhia**, Palo Alto, CA

SS.04 - Artificial Hearts: Lasker Awardee Lecture

Chapin Theater

12:30 - 1:30 PM Moderator

**Joseph Woo**, Stanford

LBCT.06 - Two Year Clinical Update: CT Surgery Network Severe MR Trial

1:30 - 1:45 PM Moderator

**Joseph Woo**, Stanford

AOS.09.07 - Arrhythmias and Electrophysiology VII

W312C

2:00 - 2:15 PM *316 - On-treatment Outcomes in Patients with Worsening Renal Function with Rivaroxaban Compared with Warfarin: Insights From ROCKET AF*

Includes:…**Kenneth W Mahaffey**, Stanford;…

ATE.106 - What is the Cellular Target in Occlusive Pulmonary Vasculopathy?: New Insights

W310

2:00 - 3:15 PM Moderator

**Marlene Rabinovitch**, Stanford

CVS.211 - Advances in Human iPSC Biology

W309

2:00 - 3:15 PM Moderator

**Joseph Wu**, Stanford

2:00 - 3:15 PM Moderator

**Sean Wu,** Stanford

APS.50.01 - Heart Failure: Pacing and Other Therapeutic Devices

A2, Clinical Science

2:00 - 3:15 PM *M 4263 - True Bipolar Left Ventricular Pacing is Associated with Better Survival in Cardiac Resynchronization Therapy Patients*

Includes:…**Paul J Wang**, Stanford;…

APS.67.04 - Magnetic Resonance Imaging (MRI): Fibrosis / Ischemia

A2, Clinical Science

2:00 - 3:15 PM  *M 4419 - Gender-specific Association Between Serum Markers of Systemic Inflammation and Interstitial Cardiac Fibrosis: The Multi-ethnic Study of Atherosclerosis (MESA)*

Includes:…**Hossein Bahrami**, Stanford;…

APS.85.04 - Lipid Therapy, Quality, and Outcomes

A2, Population Science

2:00 - 3:15 PM *M 2094 - Sex and Race/Ethnic Disparities in the Use of High Potency Statins for Patients with Atherosclerotic Cardiovascular Disease*

**Fatima Rodriguez**, Stanford; **Shoutzu Lin**, VA Palo Alto Health Care System, Palo Alto, CA; **Paul A Heidenreich**, Stanford

APS.104.01 - Research Methodology, Clinical Trial Design, and Health Policy Regulations

A2, Special Focus

2:00 - 3:15 PM *M 3041 - Adverse Event Reporting in >48,000 Participants in Four Acute Coronary Syndrome Trials*

Includes:…**Kenneth W Mahaffey**, Stanford;…

CT.03 - PAD/Vascular Surgery Case: Thoracic Stent for Aneurysm

A1, Case Theater

2:00 - 2:45 PM Panel Participant

**R. Scott Mitchell**, Stanford

CVS.338 - Challenging Arrhythmia Issues in Adult Congenital Heart Disease

W110A

2:15 - 2:30 PM *3D Mapping and Catheter Ablation in Complex ACHD patients*

**Scott Ceresnak**, Palo Alto, CA

AOS.02.02Y - Louis N. and Arnold M. Katz Basic Science Research Prize for Young Investigators Finalists

W304AB

2:15 - 2:30 PM *307 - Abnormal Activation of TGFβ Signaling as a Pathogenesis of Left Ventricular Non-compaction Cardiomyopathy*

Includes:…**Kazuki Kodo, Sang-Ging Ong, Fereshteh Jahanbani, Vittavat Termglinchan**, Stanford;…**Kolsoum InanlooRahatloo, Antje D Ebert, Praveen Shukla, Oscar J Abilez, Jared M Churko, Ioannis Karakikes, Gwanghyun Jung**, Stanford;…**Michael P Snyder, Daniel Bernstein, Joseph C Wu**, Stanford

ARS.6 - Treatment of Atrial Arrhythmias

W224GH

2:40 - 2:46 PM *Stroke in Atrial Fibrillation*

**Mintu Turakhia**, Palo Alto, CA

2:46 - 2:52 PM *Mapping to Guide Atrial Fibrillation Ablation*

**Sanjiv Narayan**, Palo Alto, CA

3:04 - 3:10 PM *Treatment of Atrial Arrhythmias in Congenital Heart Disease*

**Anne Dubin**, Palo Alto, CA

4:50 - 4:56 PM *Surgery for Atrial Fibrillation*

**Anson Lee**, Stanford

EAS.06.01 - Basic Science by Surgeons

A2, Basic Science Theater

3:45 - 3:55 PM *757 - Extracellular Signal-related Kinase Signaling and Smooth Muscle Cell Contractile Gene Expression are Uniformly Enhanced in the Aortic Root and Ascending Aorta in Marfan Syndrome*

**Albert J Pedroza, Tiffany K Koyano, Jeffrey Trojan, Itai Palmon, Mamoru Arakawa, Kiril Penov, Michael P Fischbein**, Stanford

4:05 - 4:15 PM *759 - Statins Reduce Thoracic Aortic Aneurysm Growth in Marfan Syndrome Mice via Inhibition of the RAS Induced ERK Signaling Pathway*

Includes:…**Mamoru Arakawa, Tiffany Kimiko Koyano, Tetsuya Sato, Young-Nam Youn, Kiril Penov, Albert James Pedroza, Andrew J Connolly**, Stanford;…**Michael Fischbein**, Stanford

4:35 - 4:45 PM *762 - Circulating Cells Contribute to Post-infarction Myocardial Repair by Adopting Mature Cardiomyocyte and Endothelial Cell Fates*

Includes:…**Cassandra E Burnett, Andrew B Goldstone, Jeff E Cohen, Jay B Patel, Bryan E Edwards, Anahita Eskandari, Sang-Ging Ong**, Stanford;…**Judith A Shizuru, Joseph Woo**, Stanford

HT.04 - Health Tech: Implementation and Integration into Health Care

W209AB

3:45 - 5:00 PM Moderator

Mintu Turakhia, Palo Alto, CA

3:45 - 4:05 PM Invited Presenter

**Lauren Cheung**, Palo Alto, CA

ATE.121 - Controversies in RV Failure Management

Sunburst - W340A

3:45 - 5:00 PM Moderator

**Francois Haddad**, Stanford

CVS.324 - Lymphatic Mechanisms in Cardiovascular Health and Disease

W205A

3:45 - 5:00 PM Moderator

**Stanley Rockson**, Stanford

3:45 - 4:00 PM *Overview: Lymphatic Mechanisms in Cardiovascular Health and Disease*

**Stanley Rockson**, Stanford

CVS.385 - Quality in Pediatric Cardiac Programs

W204

3:45 - 5:00 PM Moderator

**Catherine Krawczeski**, Palo Alto, CA

4:30 - 4:45 PM *Prevalence and Identification of Diagnostic Errors in Pediatric Cardiology*

**Andrew Y Shin**, Palo Alto, CA

AOS.06.02 - Regenerative Therapies for Vascular Repair and Myocardial Perfusion

W309

3:45 - 5:00 PM

**Sonia Schrepfer**, Stanford Moderator

LBBS.02 - Late-Breaking Basic Science II

W304AB

4:00 - 4:10 PM 957 - *Physiologic Mitochondrial Fragmentation is a Cardiac Adaptation to Increased Energy Demand*

Includes:…**Michael Coronado, Giovanni Fajardo, Kim Nguyen, Mingming Zhao, Kristina Bezold Kooiker, Gwanghyun Jung, Dong-Qing Hu, Sushma Reddy, Erik Sandoval**, Stanford;…Daniel Bernstein, Stanford

ATE.153 - mHealth, Wearables, and the Quantified Self

W202

4:05 - 4:25 PM *How mHealth Will Transform the Outpatient Management of Arrhythmia*

**Uday Kumar**, Stanford Consulting Professor

CVS.357 - Cardiorespiratory Fitness as a Component of Cardiovascular Disease Risk Assessment

W207

4:15 - 4:30 PM *CRF and Physical Activity Patterns in Predicting CVD Mortality*

**Jonathon Myers**, Palo Alto, CA

CVS.306 - Acute Type B Dissection: Management

W311EF

4:15 - 4:30 PM *Open Surgery for Acute and Chronic Type B Aortic Dissections*

**Michael Fischbein**, Palo Alto, CA

4:45 - 5:00 PM *The Role of Snorkel/Chimney Techniques in TAAA*

Jason Lee, Stanford

CVS.373 - Using Existing Big Data to Answer Big Questions

W202

5:30 - 6:45 PM Moderator

**Robert Harrington**, Stanford

APS.06.02 - Stem/Progenitor Cells II

A2, Basic Science

5:30 - 6:45 PM *M 1045 - Protein-engineered Hydrogels for Improved Efficacy of Stem Cell-based Injection Therapy in a Murine Model of Peripheral Arterial Disease*

**Lei Cai, Ruby Dewi**, Stanford; **Zachary Strassberg**, Veterans Affairs Palo Alto Health Care System, Palo Alto, CA; **Luqia Hou, Abbygail Foster, Sarah C Heilshorn, Ngan F. Huang**, Stanford

APS.16.02 - Genetic Factors in the Development and Manifestation of Cardiovascular Disease

A2, Basic Science

5:30 - 6:45 PM *M 1119 - Association Between a Genetic Risk Score for Clinical CAD and Early Stage Lesions in the Coronary and Aorta Provides Insights into the Pathophysiology of Atherosclerosis*

Includes:…**Elias L. Salfati**, Stanford, Palo Alto, CA;…**Themistocles L Assimes**, Stanford, Palo Alto, CA

CVS.258 - Outpatient PCI: 2015 Update

W311EF

5:45 - 6:00 PM *The Radial Revolution: How to Begin a Radial Program*

**Jennifer Tremmel**, Stanford

CVS.341 - Cardiovascular Biomarkers in Pediatrics: Marking the Future Outcomes

W110B

6:00 - 6:15 PM *Biomarkers of Kidney Injury After Cardiac Surgery*

**Catherine Krawczeski**, Palo Alto, CA

CVS.348 - Tots and Clots: Treatment and Prevention of Thrombosis in Children with Heart Disease

W224CD

6:00 - 6:15 PM  *Prevention and Treatment of Thrombi After Diagnostic and Interventional Cardiac Catheterization*

**Jenna M Murray**, Palo Alto, CA

EAS.14.02 - Advances in Venous and Lymphatic Diseases

A2, Clinical Science Theater II

6:10 - 6:20 PM *809 - Aligned Nanofibrillar Collagen Scaffold Guide Therapeutic Lymphangiogenic Repair in Secondary Lymphedema*

**Stanley G Rockson**, Stanford

ATE.108 - Drug-Induced Pulmonary Hypertension: A Recent Outbreak

W205BC

6:15 - 6:30 PM *Methamphetamine induced pulmonary hypertension: Novel insights Into genetic basis and therapeutic opportunities*

**Vinicio De Jesus Perez**, Stanford

EAS.21.01 - eAbstract Session: Risk Prediction for CVD

A2, Population Science Theater

6:30 - 6:40 PM *728 - Cardiovascular Disease Outcomes After Breast Cancer in Postmenopausal Women: Results From the Women’s Health Initiative*

Includes:…**Marcia L Stefanick**, Stanford;…

AOS.08.03 - Chronic and Acute Ischemic Heart Disease III

W308AB

6:30 - 6:45 PM *384 - Association Between Achievement of Risk Factor Standard of Care Goals and Major Adverse Cardiovascular Events in Patients with Stable Coronary Artery Disease in the STABILITY Trial*

Includes:…**Robert A Harrington**, Stanford;…

***Nov. 10***

EAS.18.02 - eAbstract Session: Exercise, Fitness, and Risk Prediction

A2, Special Focus Theater

9:00 - 10:10 AM Moderator

**Jonathan Myers**, Palo Alto, CA

CVS.259 - Evaluation of Therapeutic Efficacy in Clinical Stem Cell Trial

W307CD

9:00 - 10:15 AM Moderator

**Phillip C. Yang**, Stanford

9:00 - 9:12 AM *Myocardial Viability in Cell Therapy*

**Phillip C. Yang,** Stanford

APS.28.03 - Chronic Ischemic Heart Disease III

A2, Clinical Science

9:00 - 10:15 AM *T 4022 - Invasive Assessment of Myocardial Bridging in Women and Men Presenting with Angina in the Absence of Obstructive Coronary Artery Disease*

**Vedant S Pargaonkar, Ingela Schnittger, Shigemitsu Tanaka, Ryotaro Yamada, Takumi Kimura, Ian Rogers, Jennifer A Tremmel**, Stanford

APS.35.03 - Treatment of Arrhythmias: Pharmacologic III

A2, Clinical Science

9:00 - 10:15 AM *T 4046 - Rhythm Control versus Rate Control and Clinical Outcomes in Patients with Atrial Fibrillation: Results From the Outcomes Registry for Better Informed Treatment of Atrial Fibrillation (ORBIT-AF)*

Includes:…**Kenneth W Mahaffey**, Stanford, Palo Alto, CA;…

9:00 - 10:15 AM *T 4051 - Patterns of Discontinuation for Non-vitamin K Oral Anticoagulants in Atrial Fibrillation: Results From the ORBIT-AF II Registry*

Includes:…**Kenneth W Mahaffey**, Stanford…

APS.70.01 - The Latest on Lung Injury

A2, Clinical Science

9:00 - 10:15 AM *T 4246 - Regional Right Ventricular Dysfunction in Acute Pulmonary Embolism Associated with Increased Clot Burden and Greater RV Dysfunction*

**Mirela Tuzovic, Sasikanth Adigopula, Myriam Amsallem, Yukari Kobayashi**, Stanford, Palo Alto, CA;…**Gomathi Krishnan, David Liang, Ingela Schnittger, Michael V. McConnell, François Haddad**, Stanford, Palo Alto, CA

APS.95.05 - Clinical, Translational, and Population Health in Congenital Heart Disease

A2, Special Focus

9:00 - 10:15 AM *T 3014 - Circulating Levels of MIF, GROα and RANTES Chemokines and Interleukin 17E* Includes:…**Marlene Rabinovitch**, Stanford;…

AOS.10.01N - William W. L. Glenn Lecture

W311EF

9:00 - 10:15 AM Moderator

**Michael Fischbein**, Palo Alto, CA

9:30 - 9:45 AM *400 - Transcriptome Profiles of Chronically Closed or Cycling Aortic Valve Leaflets are Highly Similar Compared to Chronically Open Valves: Distention Drives Leaflet Homeostasis*

**Katsuhide Maeda, Xiaoyuan Ma, Frank Hanley, R. Kirk Riemer**, Stanford

SS.08 - Precision Medicine

Chapin Theater

9:20 - 9:30 AM *Real World Applications of Precision Medicine in Cardiology*

**Robert Harrington**, Stanford

AOS.21.02 - The Highs and Lows of LDL Cholesterol

W202

9:45 - 10:00 AM *393 - LDL-C Levels and Treatment Patterns Among Adults with Heterozygous Familial Hypercholesterolemia in the United States: Data From the CASCADE-FH Registry*

Includes:…**Joshua W Knowles**, Stanford

CVS.249 - Prevention of Sudden Cardiac Death: Challenges and Opportunities

W312C

9:48 - 10:00 AM *The implantable defibrillator of the future*

Paul J Wang, Stanford

SS.07 - Hypertension and Diabetes Mellitus: The Foundation of Both Heart and Kidney Disease

W109

10:00 - 10:15 AM *Racial Differences in Disease Manifestation: Genetic, Environmental, and Societal Influences*

**Latha Palaniappan**, Palo Alto, CA

AOS.22.02 - Nursing Science II - Clinical Care of Heart Failure, LVADs and Transplant

W224CD

10:00 - 10:15 AM *399 - The First Hundred Days: Gender Differences in Psychosocial Distress After Heart Transplant*

Includes:…**David Pickham**, Stanford, Menlo Park, CA;…

ATE.109 - New Signaling Pathways in PAH and Tomorrow's Therapies

W309

10:45 - 11:00 AM *BMPR2/PPARg signaling pathways in PAH. therapeutic perspectives*

**Marlene Rabinovitch**, Stanford

CVS.311 - Targeted Gene Therapy for Cardiac Regeneration

W314

10:45 - 12:00 PM Moderator

**Joseph Woo**, Stanford

CVS.374 - The Learning Health Care System

W202

10:45 - 12:00 PM Moderator

**Robert Harrington**, Stanford

CTS.101 - Clinical Trials 101: Core Curriculum - The Classical Issues

W224EF

11:10 - 11:20 AM *The Component Parts of an RCT: Sponsors, Investigators, IRBs, Data Monitoring Committees, Adjudication Committees, Patients*

**Kenneth W Mahaffey**, Stanford

QCOR.02 - QCOR 2015 Abstract Oral Session - Quality of Care

W414CD

11:15 - 11:30 AM *Clinical Characteristics and Treatment Patterns of Medicaid Patients With Atrial Fibrillation: Insights From the ORBIT-AF I Registry*

Includes:…**Kenneth W. Mahaffey**, Stanford;…

QCOR.06 - QCOR 2015 Abstract Poster Session

Valencia Ballroom - W415AB

2:00 - 3:30 PM *Building Sustainability: Creating Structure for Improved Heart Failure Patient Outcomes*

Includes:…**Christine M Thompson, Charlene Kell, Angela Bingham**, Stanford Health Care, Palo Alto, CA;…**Dipanjan Banerjee**, Stanford Health Care, Palo Alto, CA

2:00 - 3:30 PM *Persistence of Warfarin versus Dabigatran Therapy in Patients With Atrial Fibrillation: Results From the ORBIT AF Registry*

Includes:…**Kenneth W Mahaffey**, Stanford;…

2:00 - 3:30 PM *Association of Body Mass Index With Outcomes in Patients With Atrial Fibrillation: Results From the ORBIT-AF Registry*

Includes:…**Kenneth W. Mahaffey**, Stanford, Palo Alto, CA;…

2:00 - 3:30 PM *Improving ECG Services at a Children’s Hospital: Implementation of a Digital ECG System*

Includes:…**Scott R Ceresnak**, Stanford, Palo Alto, CA

2:00 - 3:30 PM *Racial Disparities in Echocardiography Use Within The Veterans Administration and Medicare Systems*

Includes: **Sheeva Rajaei**, Stanford, Palo Alto, CA;…**Mintu Turakhia, Ilana Richman**, Stanford, Palo Alto, CA; **Anju Sahay**, Palo Alto VA, Palo Alto, CA;…**Paul A Heidenreich**, Stanford, Palo Alto, CA

2:00 - 3:30 PM *Use of Echocardiography and Nuclear Scintigraphy for Patients With Heart Failure in the Veterans Administration and Medicare Systems*

Includes:…**Sheeva Rajaei**, Stanford, Palo Alto, CA;…**Mintu Turakhia, Ilana Richman**, Stanford, Palo Alto, CA; Anju Sahay, Palo Alto VA, Palo Alto, CA; Vinay Kini, Univ of Pennsylvania, Philadelphia, PA; Paul Heidenreich, Stanford, Palo Alto, CA

AOS.06.01 - Cell & Tissue Engineering Therapies for Cardiac Regeneration

W414AB

2:00 - 2:15 PM 453 - *A Novel Engineered Neuregulin-hydrogel System Regenerates Mammalian Heart Muscle and Enhances Ventricular Function in a Preclinical Ovine Model of Ischemic Cardiomyopathy*

Includes: **Jeffrey E Cohen, Andrew B Goldstone**, Stanford;…**Yasuhiro Shudo**, Stanford;…**Bryan B Edwards, Jay B Patel, Michael S Hopkins, Anahita Eskandari, Amanda N Steele, Nicholas C Cheung, Chiaka N Aribeana**, Stanford;…**Y. Joseph Woo**, Stanford

APS.39.03 - PCI related Outcomes

A2, Clinical Science

2:00 - 3:15 PM *T 4305 - Intravascular Ultrasound and Angiographic Predictors for 5-year Target Lesion Revascularization After Second Generation Drug-eluting Stent Implantation*

**Hideki Kitahara, Kenji Sakamoto, Kozo Okada, Yuhei Kobayashi, Takumi Kimura, Paul G Yock, Alan C Yeung, Peter J Fitzgerald, Yasuhiro Honda**, Stanford

APS.91.10 - Epidemiology and Population Studies X

A2, Population Science

2:00 - 3:15 PM *T 2145 - Importance of Beta Blocker Subtype for the Risk of Perioperative Adverse Events in Patients without Heart Failure and Myocardial Infarction*

Includes:…**Mark Hlatky**, Stanford;…

APS.72.06 - Assessing Phenotypes of Pulmonary Hypertension

A2, Clinical Science

2:00 - 3:15 PM *T 4409 - Right Ventricular Reverse Remodeling and Improved Systolic Function After Upfront Combination Therapy with Ambrisentan and Tadalafil in the Treatment of Scleroderma-associated Pulmonary Arterial Hypertension*

Includes:…**Roham Zamanian**, Stanford;…

APS.95.06 - Improving the Quality of Care for Patients with Congenital and Acquired Heart Disease

A2, Special Focus

2:00 - 3:15 PM *T 3046 - A Novel Early Warning System to Predict Critical Events in Children with Congenital Heart Disease*

**Andrew Y Shin, Rui Liu, Vamsi Yarlagadda, Doff McElhinney, Christopher Almond, Xuefeng Ling,** Stanford

APS.100.01 - Pediatric Heart Failure and Transplant in All Forms, Shapes, and Sizes

A2, Special Focus

2:00 - 3:15 PM *T 3030 - 30-day Readmission Rate and Center Variability for US Children Hospitalized with Heart Failure*

Includes:…**Christopher S Almond, David N Rosenthal, Matthew Wood**, Stanford;…**Esther Liu, Chealsea Nather, Kristin Jensen, Andrew Y Shin**, Stanford, Palo Alto, CA

2:00 - 3:15 PM T 3038 - *Clinical Practice Patterns are Relatively Uniform Between Pediatric Heart Transplant Centers: A Survey Based Assessment*

Includes:…**Christopher Almond**, Stanford, Palo Alto, CA;…**Seth Hollander**, Stanford, Palo Alto, CA;…

CVS.313 - New Technologies in Cardiovascular Surgery

W311GH

3:45 - 4:00 PM *Sutureless Aortic Valves*

**Joseph Woo**, Stanford

CVS.334 - Cell-based Therapies in the Clinical Arena: Current Status and Future Directions

W308CD

3:45 - 4:00 PM *Approaching Patient Profiling Based on Preclinical and Clinical Data*

**Joseph C Wu**, Stanford

CVS.380 - Risky Business

W209AB

3:45 - 4:00 PM  *Predicting Risk in Atrial Fibrillation*

**Mintu Turakhia**, Palo Alto, CA

EAS.14.03 - Mitochondria and Metabolism in Pulmonary Hypertension

A2, Clinical Science Theater I

4:05 - 4:15 PM *922 - Pyruvate Dehydrogenase Kinase 4 Leads to Reduced Endothelial-pericyte Interactions in Pulmonary Arterial Hypertension*

**Ke Yuan, Ningyi Shao, Jan Hennigs, Mark Orcholski, Alice Richter, Joseph Wu, Vinicio de Jesus Perez**, Stanford

ATE.104 - Reprogrammed Cells as Models for Disease

W303

4:15 - 4:30 PM  *iPS Cell-Derived Cardiac Myocytes as Models for Cardiac Diseases*

**Joseph C Wu**, Stanford

CVS.239 - BMPR2 and Pulmonary Hypertension at the Crossroads 2015

W307CD

4:15 - 4:30 PM *BMPR2 and Wnt signaling*

**Vinicio De Jesus Perez**, Stanford

AOS.02.05 - Cardiac Development, Structure and Function V

4:15 - 4:30 PM 530 - *The Transcriptional Repressor NR1D2 is Associated with Congenital Heart Disease and Plays an Evolutionarily Conserved Role in Cardiac Development*

Includes: **James R Priest**, Stanford;…**Euan A Ashley**, Stanford;…**Thomas Quertermous**, Stanford

QCOR.05 - QCOR 2015 Young Investigator Award

W414CD

5:15 - 5:30 PM *Heart Failure Patients Hospitalized With Bacterial Infections: A Nationwide Analysis of Concomitant Clostridium Difficile Infection Rates and In-Hospital Mortality*

**Petra Mamic, Paul A Heidenreich, Lakshika Tennakoon, Kristan Staudenmayer**, Stanford

5:30 - 5:45 PM *Impact of Financial Incentives on Variation in Use of Cardiac Imaging Tests*

Includes:…**Sheeva Rajaei**, Stanford; **Paul Heidenreich**, VA Palo Alto Health Care System, Palo Alto, CA;…

APS.15.03 - Proteomics and Metabolomics of Cardiovascular Disease

A2, Basic Science

5:30 - 6:45 PM *T 1116 - ATAC-seq Implicates Epigenome-wide CTCF Dissociation in the Progression of Cardiac Ischemia*

**Jonathan D Lee, Shin Lin, Michael P Snyder**, Stanford

APS.23.03 - Cell and Gene Based Therapies

A2, Basic Science

5:30 - 6:45 PM *T 1171 - A Light-powered Symbiosis with a Primordial Chloroplast Attenuates Myocardial Injury in the Absence of Blood Perfusion*

Includes:…**Y. Joseph Woo**, Stanford

5:30 - 6:45 PM *T 1173 - CD34+ Cell Therapy May Affect Extracellular Matrix Turnover in Patients with Non-ischemic Dilated Cardiomyopathy*

Includes:…**Francois Haddad, Joseph C Wu**, Stanford Cardiovascular Institute…

AOS.20.03 - Risk Prediction - New Populations and New Ideas

W203

6:30 - 6:45 PM 555 - *Disaggregating Cardiovascular Disease Mortality Among Hispanic Subgroups*

Includes: **Fatima Rodriguez**, Stanford; **Katherine G Hastings**, Stanford; **Elsie Wang, Derek Boothroyd, Mark R Cullen**, Stanford;…Latha Palaniappan, Stanford

AOS.11.01 - New Treatment Options in Heart Failure: Implications for Clinical Practice

W300

6:30 - 6:45 PM 550 - *The Potential Impact of Expanding Cardiac Rehabilitation Coverage in Heart Failure: Insights From Get with the Guidelines Heart Failure*

Includes:…**Paul A. Heidenreich**, VA Palo Alto Healthcare System, Palo Alto, CA;…