

UNC at the 2019 American Heart Association Scientific Sessions

● November 16 ●

AC.CVS.372 - Meet the Experts: Challenges in STEMI Management

November 16, 2019, 9:00 AM - 10:15 AM 103A

My Approach to Revascularization in Patients With Out of Hospital Cardiac Arrest and STEMI

Matthew A Cavender, Chapel Hill, NC

EP.AOS.570 - Big Data Approaches for Cardiovascular Risk

November 16, 2019, 9:30 AM - 9:40 AM 201C

120 - Risk Variation Within Very High-risk Group Among Patients With Atherosclerosis Cardiovascular Disease: The Atherosclerosis Risk in Communities (ARIC) Study

Ye Jin Mok, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Shoshana H Ballew, Johns Hopkins Bloomberg, Baltimore, MD; Brandon Stacey, Wake Forest Univ Sch of Med, Winston-Salem, NC; **Joseph Rossi**, Univ of North Carolina Sch of Med, Chapel Hill, NC; Silvia Koton, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Anna Kucharska-Newton, Univ North Carolina, Chapel Hill, NC; **Patricia P Chang**, Univ of North Carolina, Chapel Hill, NC; Josef Coresh, Johns Hopkins Sph Welch Ctr, Baltimore, MD; Wayne D Rosamond, Univ NC Sch Public Hlth, Chapel Hill, NC; Kunihiro Matsushita, Johns Hopkins Univ, Baltimore, MD

GE.MDP16 - Metabolomics and Proteomics

November 16, 2019, 12:30 PM - 12:35 PM Moderated Posters 6, Science and Technology Hall

MDP125 - Metabolomic Profiling and Heart Failure Risk in the Atherosclerosis Risk in Communities Study

Bing Yu, Wenshuang Wang, Univ of TX Health Sci Ctr Houston, Houston, TX; Brian Claggett, Brigham and Women's Hosp, Boston, MA; Sunil K. Agarwal, Johns Hopkins Univ, Baltimore, MD; David Aguilar, Univ of Texas Health Science, Houston, TX; **Patricia Chang**, Univ of North Carolina, Chapel Hill, NC; Laura R Loehr, Univ North Carolina Chapel Hill, Chapel Hill, NC; Kunihiro Matsushita, Johns Hopkins Univ, Baltimore, MD; **Joseph Rossi**, UNC Sch of Med, Chapel Hill, NC; Stuart D Russell, Duke Univ Medical Ctr, Raleigh, NC; Richard Stacey, Wake Forest Univ, Winston Salem, NC; Gerardo M Heiss, Univ North Carolina, Chapel Hill, NC; Eric Boerwinkle, UTHealth, Houston, TX; Amil M Shah, Brigham and Womens Hosp, Boston, MA

HF.APS.03 - Assessing Prognosis in Heart Failure

November 16, 2019, 1:30 PM - 2:00 PM Zone 2, Science and Technology Hall

Sa2065 / 2065 - Racial Differences in Utilization, Trends, and Prognostic Impact of Guideline-Directed Medical Therapy for HFREF in the Community: The Atherosclerosis Risk in Communities (ARIC) Surveillance Study

Lena Mathews, Johns Hopkins Univ Sch of Med, Baltimore, MD; Ning Ding, Johns Hopkins Univ, Baltimore, MD; Laura R Loehr, Univ of North Carolina Chapel Hill, Chapel Hill, NC; Jung-im Shin, Johns Hopkins Univ, Baltimore, MD; Naresh M Punjabi, Johns Hopkins Univ Sch of Med, Baltimore, MD; Alain G Bertoni, Wake Forest Univ Sch of Med, Winston Salem, NC; Deidra C Crews, Johns Hopkins Univ Sch of Med, Baltimore, MD; Wayne D Rosamond, Univ of North Carolina Sch of Public Health, Chapel Hill, NC; Chiadi Ericson Ndumele, Johns Hopkins Univ Sch of Med, Baltimore, MD; Kunihiro Matsushita, Johns Hopkins Univ, Baltimore, MD; **Patricia Chang**, Univ of North Carolina, Chapel Hill, NC

IN.APS.02 - Understanding the Vascular Complications of PCI, Shock and Cardiac Arrest
November 16, 2019, 1:30 PM - 2:00 PM Zone 4, Science and Technology Hall

Sa4225 / 4225 - Racial And Gender Disparities In Shift To Outpatient Revascularization Among Medicare Fee-for-service Beneficiaries

Samuel Savitz, Div of Res, Oakland, CA; **Kristine M Falk**, Univ of North Carolina, Chapel Hill, NC; Sally C Stearns, UNC-Chapel Hill, Chapel Hill, NC; Jason Fines, Lexie Grove, **Joseph Rossi**, Univ of North Carolina, Chapel Hill, NC

AC.CVS.352 - Great Debates in the Treatment of Patients with Stable Ischemic Heart Disease
November 16, 2019, 3:45 PM - 5:00 PM 103A

Moderator, Matthew A Cavender, Chapel Hill, NC

EA.APS.06 - Cardiac Implantable Electrical Device Management
November 16, 2019, 4:30 PM - 5:00 PM Zone 2, Science and Technology Hall

Sa2027 / 2027 - Long Term Outcome of Transfemoral Device Implantation: Success Rate, Pitfalls and Complications

Pooneh Nabavizadeh, Univ of Cincinnati, Cincinnati, OH; Mehran Attari, Mercy Heart Inst, Cincinnati, OH; **Faisal F Syed**, Univ of North Carolina, Chapel Hill, NC; Jitender Munjal, Univ Hosp, Cincinnati, OH; Reza Mehzad, Mercy Heart Inst, Fairfield, OH; Srinivas Rajsheker, Univ of Cincinnati, Cincinnati, OH

IN.APS.04 - Catheter Based Therapies: A Glimpse into the Future
November 16, 2019, 4:30 PM - 5:00 PM Zone 4, Science and Technology Hall

Sa4263 / 4263 - Impact of Diabetes Mellitus on Outcomes After Transcatheter Mitral Valve Repair

Kranthi K Sitammagari, Atrium Health, Monroe, NC; Kishorbhai Gangani, Texas Health Arlington Memorial, Arlington, TX; **Sameer Arora**, Univ of North Carolina, Chapel Hill, NC; Bharat Reddy Dhanireddy, Univ of Arkansas for Medical Sciences, Little Rock, AR; Venkata S Dontaraju, Javon Bea Hosp, Rockford, IL; Pedro A Villablanca, Henry Ford Hosp, Detroit, MI

Session HF.APS.05 - Call in a Surgeon
November 16, 2019, 4:30 PM - 5:00 PM Zone 2, Science and Technology Hall

Sa2096 / 2096 - Longitudinal Impact of Left Ventricular Assist Devices on Mild Cognitive Dysfunction

Kenneth M Faulkner, Boston Coll Stony Brook Univ, Rocky Point, NY; **Christopher Chien**, UNC Rex, Raleigh, NC; Quin E Denfeld, Oregon Health Science Univ, Portland, OR; Jill M Gelow, Providence Health, Portland, OR; Karen Lyons, Boston Coll, Chestnut Hill, MA; Kathleen L Grady, Northwestern Univ, Chicago, IL; James Mudd, Providence Ctr for Advanced Heart Disease & Transplant, Spokane, WA; Christopher S Lee, Boston Coll William F. Connell Sch of Nursing, Chestnut Hill, MA

Session HF.RFO12 - The Best in Outcome in Heart Failure
November 16, 2019, 5:30 PM - 5:35 PM Zone 4, Science and Technology Hall

RF267 - Advance Care Planning and Prognosis Education in Patients with Heart Failure: Insights from the NCDR PINNACLE Registry

Casey E Cavanagh, **Lindsey Rosman**, Philip Chui, Yale Sch of Med, New Haven, CT; Karl E Minges, Yale Univ, New Haven, CT; Nihar R. Desai, Yale Sch of Med, New Haven, CT; Sarah Goodlin, VA Portland HCS,

Portland, OR; Savitri Fedson, Baylor Coll of Med, Houston, TX; John A Spertus, Mid America Heart Inst, Kansas City, MO; Ty J Gluckman, Providence Heart Inst, Portland, OR; Yang Song, Baim Inst for Clinical Res, Boston, MA; Alexander Turchin, Brigham and Women's Hosp, Boston, MA; Gheorghe Doros, Jane J Lee, Baim Inst for Clinical Res, Boston, MA; Matthew M Burg, Yale Sch of Med, New Haven, CT

EP.RFO16 - Evolving Role of Coronary Artery Calcium in CVD Risk Prediction

November 16, 2019, 5:40 PM - 5:45 PM Science and Technology Hall A, Booth 605, Level 2

RF218 - Coronary Artery Calcifications in a Low Risk Population

Manasi Tannu, Emory Univ Hosp, Atlanta, GA; Feng-Chang Lin, Univ of North Carolina at Cha, Chapel Hill, NC; Laura Tuttle, Emily Olsson, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; **Alan Hinderliter**, Univ North Carolina, Chapel Hill, NC; **Larry Klein**, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Anthony J Viera, Duke Univ, Durham, NC

● **November 17** ●

EP.AOS.572 - Contemporary Trends and Epidemiology of Heart Failure

November 17, 2019, 7:15 AM - 7:25 AM 201C

240 - Midlife Exposure to Cardiovascular Risk Factors and Future Development of Heart Failure Subtypes

Laura P Cohen, Columbia Univ Irving Medical Ctr, New York, NY; Eric Vittinghoff, Univ of California San Francisco, San Francisco, CA; Mark J Pletcher, UCSF, San Francisco, CA; Norrina B Allen, Sanjiv J Shah, John Wilkins, Northwestern Univ, Chicago, IL; **Patricia Chang**, Univ of North Carolina, Chapel Hill, NC; Chiadi Ericson Ndumele, Johns Hopkins Univ, Baltimore, MD; Anne B Newman, Univ Pittsburgh, Pittsburgh, PA; Diane G Ives, Univ Pittsburgh Epidemiology, Pittsburgh, PA; Mathew S Maurer, New York Presbyterian Hosp, New York, NY; Elizabeth Oelsner, Columbia Univ Irving Medical Ctr, New York, NY; Andrew E Moran, Columbia Univ, New York, NY; Yiyi Zhang, Columbia Univ Irving Medical Ctr, New York, NY

IN.APS.08 - Hot Topics in TAVR and Structural Interventions

November 17, 2019, 12:30 PM - 1:00 PM Zone 4, Science and Technology Hall

Su4148 / 4148 - Transcatheter versus Surgical Aortic Valve Replacement on Outcomes in Patients With and Without Atrial Fibrillation

Kranthi K Sitammagari, Atrium Health, Monroe, NC; Paula Strassle, Univ of North Carolina at Cha, Carrboro, NC; **Sameer Arora**, Univ of North Carolina, Chapel Hill, NC; Arman Qamar, Brigham and Women's Hosp, Boston, MA; Cassandra J Ramm, Univ of North Carolina Sch of Med, Chapel Hill, NC; Madhu B Paladugu, Campbell Univ Sch of Osteopathic Med, Lillington, NC; **Michael Yeung**, Univ of North Carolina Sch of Med, Chapel Hill, NC; **John Paul Vavalle**, Univ of North Carolina, Chapel Hill, NC

HF.APS.22 - Adverse Risk Predictors in Heart Failure

November 17, 2019, 12:30 PM - 1:00 PM Zone 2, Science and Technology Hall

Su2291 / 2291 - Recurrent Admissions for Acute Decompensated Heart Failure Among Patients With and Without Peripheral Artery Disease: The Atherosclerosis Risk in Communities Study

Zainali Chunawala, Seth GS Medical Coll and KEM Hosp, Mumbai, India; **Patricia Chang**, Univ of North Carolina, Chapel Hill, NC; Andrew Paul DeFilippis, Univ of Louisville, Louisville, KY; Michael E Hall, Univ of Mississippi Medical Ctr, Jackson, MS; Kunihiro Matsushita, Johns Hopkins Univ, Baltimore, MD; **Melissa Caughey**, Univ of North Carolina, Chapel Hill, NC

Session HF.APS.13 - LVAD: Complications and Outcomes

November 17, 2019, 12:30 PM - 1:00 PM Zone 2, Science and Technology Hall

Su2198 / 2198 - Breaking the Barriers in Heart Failure Care: Understanding Patient Referral Practices to Advanced Heart Failure Centers

Jared J Herr, California Pacific Medical Ctr, San Francisco, CA; Ashwin Ravichandran, St. Vincent Heart Ctr, Indianapolis, IN; **Christopher Chien**, Univeristy of North Carolina, Raleigh, NC; Stephen J Forest, Montefiore Medical Ctr, Albert Einstein Coll of Med, Bronx, NY; Benjamin D'Souza, Penn Presbetyrian Medical Ctr, Perelman Sch of Med at the Univ of Pennsylvania, Philadelphia, PA

LF.APS.07 - Cardiovascular Risk Factors and Biomarkers

November 17, 2019, 3:00 PM - 3:30 PM Zone 3, Science and Technology Hall

Su3187 / 3187 - Association of Metabolic Syndrome With Sudden Death

Murrium I. Sadaf, Mojtaba Mirzaei, Yale-Waterbury Internal Med Program, Waterbury, CT; Brittany Bogle, IBM Data Science and AI Elite Team, Raleigh-Durham, NC; Nisha Hosadurg, Tufts Medical Ctr, Boston, MA; Golsa Joodi, Yale Sch of Med, New Haven, CT; **Ross J Simpson**, Univ NC Heart, Chapel Hill, NC

EP.APS.21 - Sex Differences in Epidemiology of Cardiovascular Diseases

November 17, 2019, 3:00 PM - 3:30 PM Zone 3, Science and Technology Hall

Su3142 / 3142 - Sex and Race Differences in Heart Failure Risk in Late Life: The Atherosclerosis Risk in Communities (ARIC) Study

Alvin Chandra, Hicham Skali, Brian Claggett, Brigham and Women's Hosp, Boston, MA; **Joseph Rossi**, Univ of North Carolina, Sanford, NC; **Patricia Chang**, Univ of North Carolina, Chapel Hill, NC; Stuart D Russell, Duke Univ Medical Ctr, Raleigh, NC; Kunihiro Matsushita, Johns Hopkins Univ, Baltimore, MD; Dalane W Kitzman, Wake Forest Baptist Health, Winston Salem, NC; Suma H Konety, Univ Minnesota, Minneapolis, MN; Thomas Mosley, Univ MS Medical Ctr, Jackson, MS; Scott D Solomon, Amil M Shah, Brigham and Women's Hosp, Boston, MA

Session IM.APS.10 - Echocardiography: Systolic and Diastolic Function

November 17, 2019, 3:00 PM - 3:30 PM Zone 4, Science and Technology Hall

Su4114 / 4114 - Sex and Race Differences in Cardiac Structure and Function in Late Life: The Atherosclerosis Risk in Communities (ARIC) Study

Alvin Chandra, Hicham Skali, Brian Claggett, Brigham and Women's Hosp, Boston, MA; **Joseph Rossi**, Univ of North Carolina, Sanford, NC; Stuart D Russell, Duke Univ Medical Ctr, Raleigh, NC; Kunihiro Matsushita, Johns Hopkins Univ, Baltimore, MD; Dalane Kitzman, Wake Forest Baptist Health, Winston-Salem, NC; Suma H Konety, Univ Minnesota, Minneapolis, MN; Thomas Mosley, Univ MS Medical Ctr, Jackson, MS; Scott D Solomon, Amil M Shah, Brigham and Women's Hosp, Boston, MA

EP.APS.20 - Cardiovascular Disease Prevention in Individuals with HIV Infection

November 17, 2019, 3:00 PM - 3:30 PM Zone 3, Science and Technology Hall

Su3123 / 3123 - Exploratory Analysis of Human Immunodeficiency Virus Infection Among Sudden Death Victims

Justin L Vandermolen, UNC Hosp, Chapel Hill, NC; Mojtaba Mirzaei, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; **Venkata Narla**, UNC, Chapel Hill, NC; **Ross J Simpson Jr.**, Univ NC Heart, Chapel Hill, NC

● November 18 ●

Session EP.MDP67 - Novel Approaches to Predicting the Risk of Heart Failure with Preserved Ejection Fraction

November 18, 2019, 10:30 AM - 10:35 AM Moderated Posters 7, Science and Technology Hall

MDP370 - Echocardiographic Correlates of Coronary Artery Disease and Subsequent Incident Heart Failure With Preserved Ejection Fraction: The ARIC Study

Jenine E John, Brian Claggett, Hicham Skali, Brigham and Women's Hosp, Boston, MA; Scott D Solomon, Brigham and Womens Hosp, Boston, MA; Jonathan Cunningham, Brigham and Women's Hosp, Boston, MA; Kunihiro Matsushita, Johns Hopkins Univ, Baltimore, MD; Suma H Konety, Univ Minnesota, Minneapolis, MN; Dalane Kitzman, Wake Forest Baptist Health, Winston-Salem, N.C. 27157, NC; Thomas Mosley, Univ MS Medical Ctr, Jackson, MS; Donald CLARK III, Univ of Mississippi, Jackson, MS; **Patricia Chang**, Univ of North Carolina, Chapel Hill, NC; Amil M Shah, Brigham and Women S Hosp, Boston, MA

HF.RFO36 - Rapid Whirlwind of Outcomes in Heart Failure and Cardiomyopathy

November 18, 2019, 12:40 PM - 1:30 PM Zone 4, Science and Technology Hall

RF290 - Increasing Mitral Regurgitation Severity is Accompanied by Higher Prevalence Of Atrial Fibrillation

Zachary D. Brown, Univ of North Carolina, Chapel Hill, NC; Michael Hendrickson, UNC Sch of Med, Chapel Hill, NC; **Sameer Arora, Patricia Chang**, Univ of North Carolina, Chapel Hill, NC; Arman Qamar, Brigham and Women's Hosp, Boston, MA; Elsayed Z Soliman, Wake Forest Sch of Med, Winston Salem, NC; Alvaro Alonso, Emory Univ, Atlanta, GA; Wayne D Rosamond, Univ NC Sch of Public Health, Chapel Hill, NC; **John Paul Vavalle**, Univ of North Carolina, Chapel Hill, NC

HF.APS.46 - Cardiomyopathy: Hypertrophic and Amyloid

November 18, 2019, 1:30 PM - 2:00 PM Zone 2, Science and Technology Hall

Mo2316 / 2316 - Biomarker and Echocardiographic Trends in Cardiac Amyloidosis Patients Managed With Doxycycline

Eric M Holland, Univ of North Carolina, Chapel Hill, NC; Grayson Eubanks, Univeristy of North Carolina, Chapel Hill, NC; Daniel Duddleston, **Brian C Jensen, Patricia P Chang, Mirnela Byku**, Univ of North Carolina, Chapel Hill, NC

HF.APS.47 - Additional Insights into Pharmacological Therapy of HF

November 18, 2019, 1:30 PM - 2:00 PM Zone 2, Science and Technology Hall

Mo2328 / 2328 - Direct Oral Anticoagulants versus Warfarin for Left Ventricular Thrombi: The RED VELVT Study

Austin A Robinson, Univ of Virginia, Charlottesville, VA; Cory R Trankle, Virginia Commonwealth Univ, Richmond, VA; Grayson Eubanks, Univ of North Carolina, Chapel Hill, NC; Christopher Schumann, Paul Thomspon, Univ of Virginia, Charlottesville, VA; Ryan Wallace, Virginia Commonwealth Univ, Richmond, VA; Shouri Gottiparthi, Univ of North Carolina, Chapel Hill, NC; Benjamin Ruth, Univ of Virginia, Hershey, PA; Christopher M Kramer, Univ of Virginia Health Syste, Charlottesville, VA; Michael Salerno, Univ of Virginia, Charlottesville, VA; Kenneth C Bilchick, Univ of Virginia HS, Charlottesville, VA; **Cody S Deen**, UNC, Chapel Hill, NC; Michael C Kontos, Virginia Commonwealth Univ, Glen Allen, VA; John M Dent, Univ of Virginia, Charlottesville, VA

AC.APS.12 - Prognosis and Therapies for Acute Coronary Syndromes II

November 18, 2019, 1:30 PM - 2:00 PM Zone 4, Science and Technology Hall

Mo4063 / 4063 - Paroxysmal versus Non-Paroxysmal With Outcomes in Patients With Myocardial Infarction

Poonam Bhyan, Cape Fear Valley Medical Ctr, Fayetteville, NC; Amandeep Goyal, Marietta Memorial Hosp, Marietta, OH; **Sameer Arora**, Univ of North Carolina, Chapel Hill, NC; Kishorbhai Gangani, Texas Health Arlington Memorial, Arlington, TX; Arman Qamar, Brigham and Women's Hosp, Boston, MA; **John Paul Vavalle, Michael Yeung**, Univ of North Carolina, Chapel Hill, NC

AT.APS.22 - Vascular Differentiation and Regeneration II

November 18, 2019, 1:30 PM - 2:00 PM Zone 1, Science and Technology Hall

Mo1081 / 1081 - Decreased Inspired Oxygen Stimulates New Collateral Formation in the Heart

Amir Aghajanian, UNC Chapel Hill, Chapel Hill, NC; Hua Zhang, Univ of North Carolina, Chapel Hill, NC; Brian Buckley, UNC Chapel Hill, Chapel Hill, NC; Erika S Wittchen, Univ of North Carolina-CH, Chapel Hill, NC; Mark D Levin, NIH, NHLBI, Bethesda, MD; James Faber, UNC Chapel Hill, Chapel Hill, NC