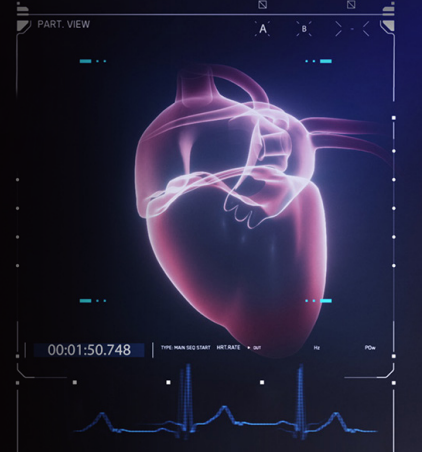


2024

STATE OF THE HEART

2nd Annual Heart and Vascular Conference



Friday, Oct. 11

- 7:00 a.m. Registration / Breakfast
- 7:40 a.m. Opening Remarks
Adam Burdorf, DO, MS
- 7:50 a.m. **Case Presentation: Heart Failure**
Ayesha Azmeen, MBBS
- 8:00 a.m. **Dyspnea in Heart Disease - Evaluation and Management of Pulmonary Hypertension**
Ronald Zolty, MD, PhD
- 8:30 a.m. **Home Is Where the Heart Should Be - Strategies for Avoiding Hospitalizations in Heart Failure**
Teri Diederich, DNP, APRN-NP, FHFSA
- 8:50 a.m. **CardioOncology**
Robert P. Garvin, MD
- 9:10 a.m. Discussion / Break
- 9:20 a.m. **Strain Imaging in Cardiovascular Disease**
Samer H. Sayyed, MD
- 9:40 a.m. **Genetics and Treatment of Cardiomyopathies**
Douglas A. Stoller, MD, PhD
- 10:10 a.m. **Surgical Approach to Hypertrophic Cardiomyopathy**
Michael J. Moulton, MD, FACS
- 10:30 a.m. Discussion / Break
- 10:40 a.m. **Case Presentation: Electrophysiology**
Fouad Khalil, MBBCh
- 10:50 a.m. **Lead Extraction**
John W. Schleifer, MD
- 11:10 a.m. **Ventricular Tachycardia Ablation**
John W. Schleifer, MD
- 11:30 a.m. **Conduction System Pacing**
Mobasser Mahmood, MBBS
- 11:50 a.m. Discussion / Break

- 12:00 p.m. Lunch
- 1:00 p.m. [Contemporary Management of Atrial Fibrillation](#)
Jason J. Payne, MD
- 1:20 p.m. [Left Atrial Appendage Occlusion in Atrial Fibrillation](#)
Jason J. Payne, MD
- 1:40 p.m. [Cardiac Contractility Modulation](#)
Jason J. Payne, MD
- 2:00 p.m. Discussion / Break
- 2:10 p.m. [Case Presentation: ACHD/Shock/Transplant](#)
Snehal Gajiwala, MD
- 2:20 p.m. [Bridging the Gap: Challenges in Adult Congenital Cardiology](#)
Jonathan W. Cramer, MD
- 2:40 p.m. [Recognizing and Managing Cardiogenic Shock](#)
Adam Burdorf, DO, MS
- 3:00 p.m. [Temporary Mechanical Support in Cardiogenic Shock](#)
Anthony W. Castleberry, MD, MMCi
- 3:30 p.m. Discussion / Break
- 3:40 p.m. [Advances in Mechanical Circulatory Support - Current State and Future Directions](#)
Adam Burdorf, DO, MS
- 4:00 p.m. [Advancements in Organ Procurement](#)
Marian Urban, MD, PhD
- 4:30 p.m. [Advances in Transplant: Tissue May Not Be the Issue](#)
Marshall P. Hyden, MD
- 4:50 p.m. Discussion / Break
- 5:00 p.m. Vendor Sessions / Cocktail Reception
- 6:15 p.m. Dinner
- 6:30 p.m. KEYNOTE
[Machine Learning in Cardiovascular Disease: From Diagnosis to Prediction](#)
Shelby Kutty, MD, PhD
- 7:30 p.m. Adjourn

Saturday, Oct. 12

- 7:00 a.m. Breakfast
- 7:50 a.m. Opening Remarks
Brett Duncan, MD, MS
- 8:00 a.m. [Case Presentation: Vascular](#)
Muhammad Asim Shabbir, MBBS
- 8:10 a.m. [Assessing Frailty in Cardiovascular Disease](#)
Jason Johanning, MD, MS, FACS
- 8:40 a.m. [Management of Lower Extremity Wounds](#)
Jillian Negri, DNP, RN, ACNP-BC, APRN-NP and Muhammad Asim Shabbir, MBBS
- 9:00 a.m. [Management of Venous Thromboembolism](#)
Jason R. Cook, MD, PhD
- 9:20 a.m. Discussion / Break
- 9:30 a.m. [Current Management of Aortic Aneurysms and Dissection](#)
G. Matthew Longo, MD, FACS
- 9:50 a.m. [Aortic Emergency Program](#)
G. Matthew Longo, MD, FACS
- 10:10 a.m. [Pulmonary Embolism Response Team \(PERT\)](#)
Jason R. Cook, MD, PhD
- 10:30 a.m. Discussion / Break
- 10:40 a.m. [Case Presentation: Ischemic Heart Disease](#)
Mina Bhatnagar, MD, MPH
- 10:50 a.m. [Echocardiography as a Treatment Tool - Theranostics in Echocardiography](#)
Thomas R. Porter, MD
- 11:10 a.m. [Coronary Calcium Scoring - Who, What, When, Where and Why?](#)
Cason D. Christensen, MD
- 11:40 a.m. [Evaluation and Diagnosis of Hypertrophic Cardiomyopathy](#)
Cason D. Christensen, MD
- 12:10 p.m. Lunch
- 1:00 p.m. [Contemporary Surgical Management of Ischemic Heart Disease](#)
Brett Duncan, MD, MS
- 1:20 p.m. [Current Management of Type B Dissection](#)
Aleem Siddique, MBBS, FACS, FACC
- 1:40 p.m. [Advancements in Structural Cardiology 2024](#)
Shahbaz A. Malik, MD, FACC
- 2:00 p.m. [High-Risk PCI – A Team Approach](#)
Amarnath Annareddy, MBBS
- 2:20 p.m. Closing Remarks
Adam Burdorf, MD, MS
- 2:30 p.m. Adjourn

Conference Faculty

KEYNOTE PRESENTER

Shelby Kutty, MD, PhD

The Helen B. Taussig Professor; Director, Pediatric and Congenital Cardiology; Co-Director, Blalock-Taussig-Thomas Pediatric and Congenital Heart Center; Chair, Cardiovascular Analytic Intelligence Initiative (CV-Ai2), Johns Hopkins School of Medicine, Baltimore, MD

UNMC/NEBRASKA MEDICINE PRESENTERS

Amarnath Annapureddy, MBBS

Assistant Professor, Division of Cardiovascular Medicine, Department of Internal Medicine, UNMC

Ayesha Azmeen, MBBS

Fellow, Division of Cardiovascular Medicine, Department of Internal Medicine, UNMC

Mina Bhatnagar, MD, MPH

Fellow, Division of Cardiovascular Medicine, Department of Internal Medicine, UNMC

Adam Burdorf, DO, MS[☆]

Assistant Professor; Medical Director of the Mechanical Circulatory Support Program; Medical Director for the Cardiovascular Progressive Care Unit, Division of Cardiovascular Medicine, Department of Internal Medicine, UNMC

Anthony W. Castleberry, MD, MMCi

Assistant Professor, Division of Cardiothoracic Surgery, Department of Surgery, UNMC

Cason D. Christensen, MD

Assistant Professor, Division of Cardiovascular Medicine, Department of Internal Medicine, UNMC

Jason R. Cook, MD, PhD

Assistant Professor, Division of Vascular Surgery, Department of Surgery, UNMC

Jonathan W. Cramer, MD

Associate Professor, Division of Cardiovascular Medicine; Associate Professor, Pediatrics; Medical Director, Adult Congenital Heart Disease Program, Department of Internal Medicine, UNMC

Teri Diederich, DNP, APRN-NP, FHFSA

APP Supervisor, Cardiovascular Medicine, Heart Failure and Transplant, Nebraska Medicine

Brett Duncan, MD, MS[☆]

Assistant Professor, Division of Cardiothoracic Surgery, Department of Surgery, UNMC

Snehal Gajiwala, MD

Fellow, Division of Cardiovascular Medicine, Department of Internal Medicine, UNMC

Robert P. Garvin, MD

Assistant Professor, Division of Cardiovascular Medicine, Department of Internal Medicine, UNMC

Marshall P. Hyden, MD

Assistant Professor; Assistant Director of Heart Transplant, Division of Cardiovascular Medicine, Department of Internal Medicine, UNMC

Jason Johanning, MD, MS, FACS

Professor, Division of Vascular Surgery, Department of Surgery, UNMC

Fouad Khalil, MBBCh

Fellow, Division of Cardiovascular Medicine, Department of Internal Medicine, UNMC

G. Matthew Longo, MD, FACS

Professor; Chief, Division of Vascular Surgery, Department of Surgery, UNMC

Mobasser Mahmood, MBBS

Assistant Professor, Division of Cardiovascular Medicine, Department of Internal Medicine, UNMC

Shahbaz A. Malik, MD, FACC

Assistant Professor, Interventional Cardiology and Structural Heart Disease; Director, Cardiac Catheterization Laboratory, Division of Cardiovascular Medicine, Department of Internal Medicine, UNMC

Michael J. Moulton, MD, FACS

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Jillian Negri, DNP, RN, ACNP-BC, APRN-NP

Vascular Surgery Nurse Practitioner, Vascular Surgery, Department of Surgery, Nebraska Medicine

Jason J. Payne, MD

Assistant Professor, Division of Cardiovascular Medicine, Department of Internal Medicine, UNMC

Thomas R. Porter, MD

Professor and Theodore F. Hubbard Distinguished Chair of Cardiology, Division of Cardiovascular Medicine, Department of Internal Medicine, UNMC

Samer H. Sayyed, MD

Associate Professor; Section Chief, Non-Invasive Cardiology; Medical Director, Echocardiography Lab, Division of Cardiovascular Medicine, Department of Internal Medicine, UNMC

John W. Schleifer, MD

Assistant Professor; Medical Director, Non-Invasive Cardiovascular Services, Division of Cardiovascular Medicine, Department of Internal Medicine, UNMC

Muhammad Asim Shabbir, MBBS

Fellow, Division of Cardiovascular Medicine, Department of Internal Medicine, UNMC

Aleem Siddique, MBBS, FACS, FACC

Associate Professor; Surgical Director for Lung Transplantation; Surgical Director for Aortic Program, Division of Cardiothoracic Surgery, Department of Surgery, UNMC

Douglas A. Stoller, MD, PhD

Assistant Professor; Medical Director, Cardiovascular Genetics Program; Medical Director, Heart Failure Research, Division of Cardiovascular Medicine, Department of Internal Medicine; Member, Institutional Review Board, UNMC

Marian Urban, MD, PhD

Assistant Professor, Division of Cardiothoracic Surgery, Department of Surgery, UNMC

Ronald Zolty, MD, PhD

Professor, Division of Cardiovascular Medicine, Department of Internal Medicine, UNMC