

THE  
FIFTH ANNUAL

# MSCAI

## Induction Ceremony

FRIDAY, APRIL 27, 2018

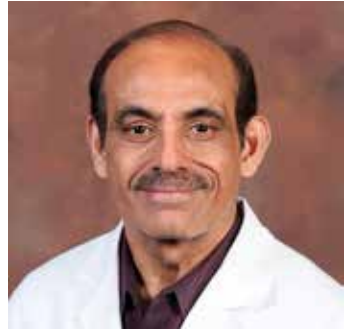
MANCHESTER GRAND HYATT, SAN DIEGO  
FEATURED SESSION ROOM: SEAPORT DE



# MSCAI Class of 2018

**Please join SCAI in honoring our 2018 Class of Master Interventionalists of SCAI (MSCAI). These individuals have demonstrated excellence in Invasive/Interventional Cardiology over the course of their career, manifested by a commitment to the highest levels of clinical care, innovation, publication, and teaching.**

## Zahid Amin, MD, MSCAI



Dr. Zahid Amin is a professor of Pediatrics, a recipient of the William B. Strong endowed chair, and chief of Pediatric Cardiology at Children's Hospital of Georgia at Augusta University. He has been an invited speaker at national and international meetings, having delivered more than 400 lectures. Dr. Amin has edited a book on patent foramen ovale (PFO) and has more than 200 publications/abstracts in peer-reviewed journals and abstracts. He serves on the editorial boards of Pediatric Cardiology, Cardiac Interventions Today, and the Pakistan Heart Journal. He also has mentored several fellows who have moved on to head cardiac catheterization laboratories in and outside of the U.S.

Dr. Amin has traveled extensively to hospitals worldwide to teach state-of-the-art skills of hybrid procedures and transcatheter interventions to other physicians. His primary focus is on interventions in pediatric and adult structural heart disease, hybrid procedures, and percutaneous valve procedures. He was a pioneer of the periventricular technique (and also coined the name "periventricular") for ventricular septal defect (VSD) closure and was the first to implant an experimental valve using this technique in a sheep model.



## Lee N. Benson, MD, MScAI

Dr. Lee N. Benson trained in pediatrics at The Hospital for Sick Children in Toronto and at St. Christopher's Hospital for Children in Philadelphia. His fellowship in cardiology was also at The Hospital for Sick Children, and he was a research fellow for Dr. Bill Friedman at the University of California, Los Angeles (UCLA). In 1983, Dr. Benson joined the clinical staff at The Hospital for Sick Children as director of the Cardiac Catheterization Laboratories, where he developed the Pediatric Interventional Program. He became a full professor in 1992 and has authored more than 375 articles, numerous book chapters, and several textbooks in pediatric and adult congenital interventional cardiology.





## Kirk Noel Garratt, MSc, MD, MSCAI

Dr. Kirk Noel Garratt received his BS in biology, MSc in molecular biology and biochemistry, and MD from the University of California, Irvine. He completed his internship at Los Angeles County-UCLA Harbor Medical Center,

internal medicine residency at Duke University, and clinical cardiology training at UCLA Center for Health Services.

As a member of the first graduating class of interventional cardiology fellows trained at Mayo Clinic, Dr. Kirk remained on staff there afterward. During his 15 years at Mayo Clinic, he participated in many Mayo firsts: the first directional coronary atherectomy, the first laser coronary angioplasty, the first coronary stent procedure, and the first coronary intervention at a Minnesota hospital without on-site bypass surgery. From 2002–2005, Dr. Kirk was the section chief of Cardiology at Franciscan-Skemp Medical Center, a regional Mayo-affiliate hospital.

In 2005, Dr. Kirk left Mayo Clinic and went into private practice at Lenox Hill Hospital in New York City, where he was responsible for cardiovascular (CV) quality management, safety, and research. Since 2015, he's been at the Christiana Health System and currently serves as the medical director, Center for Heart and Vascular Health; section chief, Cardiology; director, CV Quality and Safety; and director, CV Research. He is involved in many national cardiovascular organizations, including SCAI, where he currently serves as president.

## William Hellenbrand, MD, MSCAI

Dr. William Hellenbrand attended medical school at the State University of New York, Downstate Medical Center, and completed his training in pediatrics and a fellowship in pediatric cardiology at Yale University. For two years, he was a pediatric cardiologist, then chief of Pediatric Cardiology, at Walter Reed Army Medical Center. He then was director of the Cardiac Catheterization Laboratory and director of Clinical Pediatric Cardiology at Yale for 24 years. He then moved to Children's Hospital of New York at Columbia University as director of the Catheterization Laboratory for Congenital Heart Disease, later becoming director of Pediatric Cardiology. In 2011, he became chief of Pediatric Cardiology at Yale.



Dr. Hellenbrand's involvement in the earliest angioplasties for valve and vessel abnormalities made him a pioneer in interventional cardiology for congenital heart disease. He was one of the first principal investigators for nonsurgical closure of atrial septal defects and patent ductus arteriosus. He also served as a principal investigator for percutaneous pulmonary valve implantation with the melody valve.

Dr. Hellenbrand is a course director for the Pediatric Interventional Cardiac Symposium, which educates cardiologists in the latest techniques and innovations in transcatheter therapy for congenital heart defects.



## Richard R. Heuser, MD, FACP, FESC, MSCAI

Dr. Richard R. Heuser is an internationally recognized cardiologist, inventor, educator, and author. A diplomat of the American Board of Cardiovascular

Diseases and the American Board of Interventional Cardiovascular Diseases, he was an early pioneer of angioplasty and is one of America's top cardiologists. Dr. Heuser is currently in practice at the Phoenix Heart Center/Physicians Group of Arizona. He is chief of Cardiology and of the Cardiac Catheterization Laboratory at St. Luke's Medical Center in Phoenix, a professor of Medicine at the University of Arizona College of Medicine, and director of the Interventional Fellowship Program at the University of Arizona College of Medicine.

With 22 patents granted for different catheters, stents, and other medical devices, Dr. Heuser has served as a principal investigator to research the safety and/or effectiveness of more than 100 medical devices and 50 pharmaceutical products and has participated in more than 100 research studies. He has authored numerous articles, textbooks, and medical manuscripts and often presents research findings developed in Phoenix at international medical conferences.

Dr. Heuser received his medical degree from the University of Wisconsin School of Medicine and completed his medical internship, residency, and cardiology fellowship at Johns Hopkins Hospital.

## Neal Kleiman, MD, MSCAI



Dr. Neal Kleiman's research has been focused on the use of intracoronary stents and on mechanisms to modulate arterial thrombosis. He has been an investigator in clinical trials of intracoronary stents for the past 10 years and in approximately 100 clinical trials of antithrombotic medications, which have been sponsored by the National Heart, Lung, and Blood Institute (NHLBI) and by industry and include a large number of investigator-initiated trials.

Dr. Kleiman has also served as study chairman for the EVENT registry, a study of 10,148 unselected patients undergoing intended stent implantation at 52 unique centers in the U.S. To this end, his group enlisted the aid of a data coordinating center and two statistical cores with approximately 25 publications. In 1995, he established the Applied Platelet Physiology Laboratory at Houston Methodist Hospital. In the past six years, his interests have broadened to include the implantation of transcatheter valves.





## Lloyd W. Klein, MD, MScAI

DDr. Lloyd W. Klein is a professor of Medicine at Rush University Medical College and director of Clinical Research, Cardiology Services Quality, and Cardiology Research at Illinois Masonic Medical Center. He is also director of Chicago's

Clinical Cardiology Associates. He graduated from Kenyon College and the University of Cincinnati College of Medicine, completed his internal medicine residency at Albert Einstein College of Medicine, and completed his cardiology fellowship training at Mount Sinai Medical Center.

Dr. Klein is an expert in individualizing coronary revascularization strategies. He championed the measurement of risk-adjusted outcomes to evaluate interventional program and operator quality, was a founder of the National Cardiovascular Data Registry, and helped to develop numerous national cardiology guidelines. He is assistant editor for "Plaque Composition and Dynamics" for the *Journal of Invasive Cardiology* and sits on the editorial boards of the *American Journal of Cardiology*, *Cardiology Today's Intervention*, and *Current Cardiology Reviews*.

Dr. Klein was an investigator in several clinical trials, including TIMI-3, EPIC, EPILOGUE, COURAGE, and ASCERT. He has authored nearly 600 journal articles and abstracts and has been recognized in *US News and World Report's* Top Doctors, Top 1% Cardiologists Nationally, *America's Top Doctors* – Castle Connolly Guide, and Top Doctors: Chicago Metro Area – Castle Connolly Guide. In 2012, the University of Cincinnati College of Medicine honored him with its Distinguished Alumnus Award.



## David G. Rizik, MD, MSCAI

Board certified in interventional cardiology and internal medicine, Dr. David G. Rizik has practiced interventional cardiology in Scottsdale, Arizona, for more than 30 years. He is the founder and medical director

of the Scottsdale Heart Group and serves as chief scientific officer and director of Structural and Coronary Interventions for HonorHealth.

Dr. Rizik is a distinguished researcher in interventional cardiology and structural heart disease. He has published more than 100 manuscripts and book chapters on coronary artery disease and its treatment. He has conducted numerous live cases and educational symposia the world over. Over the past several years, he has traveled extensively in Europe and Asia-Pacific as an instructor in interventional cardiology. In addition to being a worldwide leader in coronary intervention, Dr. Rizik also specializes in transcatheter aortic valve replacement (TAVR) and transcatheter mitral valve repair (MitraClip).



## Robert Vincent, MD, CM, MSCAI

Dr. Robert Vincent is a pediatric cardiologist and professor of Pediatrics at Children's Healthcare of Atlanta and Emory University School of Medicine. He completed his undergraduate and medical school education at McGill

University in Montreal, his pediatric residency at Montreal Children's Hospital, and his cardiology fellowship at Boston Children's Hospital. He has been a member of the American College of Cardiology (ACC) since 1988 and SCAI since 1994. His primary interests are interventional cardiac catheterization and congenital heart disease. He has been a member of the IMPACT steering committee since its inception and chairman since 2014. He is currently a member of SCAI's board of trustees and Political Action Committee (PAC) as well as SCAI's Advocacy, Congenital Heart Disease, and Finance committees.

Dr. Vincent is an advocate for cardiology in general and pediatrics in particular, having served as the president of the Georgia Chapter of the ACC and as a member of the ACC's board of governors and Adult Congenital and Pediatric Cardiology (ACPC) Council. He is a strong supporter of data-driven decision-making and quality improvement initiatives.

# SCAI would like to express its sincere gratitude to the following people who participated in this year's MSCAI Selection Process:



J. Dawn Abbott, MD, FSCAI  
Robert J. Applegate, MD, MSCAI  
Herbert D. Aronow, MD, FSCAI  
Joseph D. Babb, MD, MSCAI  
Steven R. Bailey, MD, MSCAI  
James C. Blankenship, MD, MSc, MSCAI  
Lyndon C. Box, MD, FSCAI  
Jeffrey J. Cavendish, MD, FSCAI  
Charles E. Chambers, MD, MSCAI  
David A. Cox, MD, MSCAI  
Gregory J. Dehmer, MD, MSCAI  
Ted E. Feldman, MD, MSCAI  
Osvaldo S. Gigliotti, MD, FSCAI  
George S. Hanzel, MD, FSCAI  
James B. Hermiller, MD, MSCAI  
Howard Herrmann, MD, MSCAI  
Ziyad M. Hijazi, MD, MSCAI  
Kalon K.L. Ho, MD, MSc, FSCAI  
John McB. Hodgson, MD, MSCAI  
John T. Huston, MD, FSCAI  
Clifford J. Kavinsky, M.D, PhD, MSCAI  
Upendra Kaul, MD, FSCAI  
Morton J. Kern, MD, MSCAI  
Ahmed Magdy, PhD, FSCAI  
Ehtisham Mahmud, MD, FSCAI  
Jeffrey J. Marshall, MD, MSCAI  
Kehev R. Nayak, MD, FSCAI  
Ashok Seth, MBBS, FRCP, FESC, DSc, DLitt, MSCAI  
Albert E. Raizner, MD, MSCAI  
Carlos E. Ruiz, MD, PhD, MSCAI  
Richard W. Smalling, MD, PhD, MSCAI  
Jonathan M. Tobis, MD, MSCAI  
Zoltan G. Turi, MD, MSCAI  
Barry F. Uretsky, MD, MSCAI  
George W. Vetrovec, MD, MSCAI  
Robert N. Vincent, MSCAI



**The 2018 Class of Master Interventionalists of SCAI (MSCAI) joins the elected group below of MSCAIs who have demonstrated their outstanding achievements and have contributed to the field of cardiac and/or endovascular angiography and/or intervention:**

Robert J. Applegate, MD, MSCAI  
Joseph D. Babb, MD, MSCAI  
Steven R. Bailey, MD, MSCAI  
Theodore A. Bass, MD, MSCAI  
James C. Blankenship, MD, MSc, MSCAI  
Peter C. Block, MD, MSCAI  
John D. Carroll, MD, MSCAI  
Charles E. Chambers, MD, MSCAI  
John P. Cheatham, MD, MSCAI  
Tyrone J. Collins, MD, MSCAI  
Antonio Colombo, MD, MSCAI  
Michael J. Cowley, MD, MSCAI  
David A. Cox, MD, MSCAI  
George D. Dangas, MD, PhD, MSCAI  
Larry S. Dean, MD, MSCAI  
Gregory J. Dehmer, MD, MSCAI  
Ted E. Feldman, MD, MSCAI  
Timothy D. Henry, MD, MSCAI  
James B. Hermiller, MD, MSCAI  
Howard Herrmann, MD, MSCAI  
Ziyad M. Hijazi, MD, MSCAI

John McB. Hodgson, MD, MSCAI  
Clifford J. Kavinsky, MD, PhD, MSCAI  
Morton J. Kern, MD, MSCAI  
John M. Lasala, MD, PhD, MSCAI  
Jeff J. Marshall, MD, MSCAI  
Roxana Mehran, MD, MSCAI  
Charles E. Mullins, MD, MSCAI  
William W. O'Neill, MD, MSCAI  
Igor F. Palacios, MD, MSCAI  
Albert E. Raizner, MD, MSCAI  
Kenneth Rosenfield, MD, MHCDS, MSCAI  
Carlos E. Ruiz, MD, PhD, MSCAI  
Ashok Seth, MD, MSCAI  
Richard W. Smalling, MD, PhD, MSCAI  
Jonathan M. Tobis, MD, MSCAI  
Carl L. Tommaso, MD, MSCAI  
Zoltan G. Turi, MD, MSCAI  
Barry F. Uretsky, MD, MSCAI  
George W. Vetrovec, MD, MSCAI  
Bonnie H. Weiner, MD, MSEC, MBA, MSCAI  
Christopher J. White, MD, MSCAI