



NCDR.18

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NCDR ANNUAL CONFERENCE
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NCDR.18 Faculty Biographies

Srinath Adusumalli, MD

Srinath Adusumalli is a senior fellow in the Division of Cardiovascular Medicine at the Hospital of the University of Pennsylvania. He is also a Fellow in Healthcare Improvement and Patient Safety at the University of Pennsylvania and an Associate Fellow at the University of Pennsylvania/Wharton School Leonard Davis Institute of Health Economics. He graduated from the Medical College of Virginia and subsequently completed his internal medicine residency training at the Massachusetts General Hospital/Harvard Medical School. While there, in collaboration with the Department of Medicine, he co-led residency program quality improvement/patient safety efforts with a focus on leveraging health information technology tools. Since coming to the University of Pennsylvania, Dr. Adusumalli's scholarly interests include rigorously examining the role of clinical informatics and emerging technologies in improving the quality, value, safety and delivery of cardiovascular medicine. He plans to join the faculty of the University of Pennsylvania in July 2018 as a general cardiologist, echocardiographer, clinical informatician, and assistant cardiovascular disease fellowship program director.

Andee Amaya, RDCS

In her role as Imaging Education and Procedural Efficiencies Program Manager within Medtronic's Heart Valve Therapies Division, Andee conducts customer training involving Imaging and Procedural Efficiencies for the CoreValve Evolut™ TAVR procedure and Medtronic's additional Heart Valve Therapies.

Andee started with Medtronic in 2010 as a Principal Clinical Analyst evaluating the CT and Echo images of the patients enrolled in the CoreValve US PIVOTAL trial. In 2016 she transitioned to the field as a Therapy Development Specialist providing clinical support for Evolut™ TAVR cases. Prior to joining Medtronic, Andee worked for 12 years at St Joseph Hospital and Children's Hospital of Orange County (CHOC) as a cardiac sonographer registered in Adult and Pediatric Echocardiography. Andee brings her extensive imaging expertise providing training and education to physicians and allied health professionals in the US and OUS.

Amit P. Amin, MD, MS, FACC

Dr. Amit Amin is a practicing interventional cardiologist and outcomes researcher, with over 10 years of practice and training in cathlab safety and quality. He is also in charge of the BJH Cathlab's Quality and Outcomes program, and is currently a BJH Hospital Patient Safety and Quality Fellow.

Cornelia Anderson, BSN, RN, CPHQ, AACC

Ms. Anderson joined the ACC's National Cardiovascular Data Registry (NCDR) as a Senior Specialist in 2012. She became the Program Manager for the CathPCI Registry in 2014 and for the IMPACT Registry in 2015. Ms. Anderson is a Registered Nurse in the state of Maryland with over 25 years of diverse acute care experience including ACLS ambulance transportation, IV therapy, cardiovascular care specific to pre and post interventional procedures, Cath Lab and the Emergency Department

(ED). As a supervisor in the ED, Ms. Anderson helped facilitate the adoption of Advance Triage Protocols to support rapid assessment and intervention. She was selected as the unit representative for the Cerner Initiative (implementation of EHR) while working in the ED and again on transitioning to the Cath Lab. She received her Bachelor of Science in Nursing from Columbia Union College in 1987 and is a Certified Professional in Healthcare Quality® (CPHQ) since 2015.

Oralia Aragon, NP

Oralia Aragon is an Acute Care Nurse Practitioner in Interventional Cardiology at Keck Hospital of USC. Oralia's clinical focus over the past five years is with cardiac patients in the peri-procedural management of acute coronary syndrome, coronary heart disease, structural heart disease, heart failure, and arrhythmias. Oralia leads the education and training of both patients and nursing staff in invasive cardiology procedures including cardiac catheterization, coronary angioplasty, atrial/ventricular septal defect percutaneous closures, valvuloplasties, pulmonary artery pressure monitor implants, and left atrial appendage occlusive devices. Her integral role in Interventional Cardiology is advantageous in the development and oversight of quality improvement projects related to cardiac registry databases to improve quality clinical outcomes.

Joseph E. Bavaria, MD, FACC

Dr. Joseph Bavaria is currently the Brooke Roberts-William M. Measey Professor of Surgery and Vice-Chief, Division of Cardiovascular Surgery at the Hospital of the University of Pennsylvania. He is the Immediate Past President of The Society of Thoracic Surgeons (STS). He is Director of the Thoracic Aortic Surgery Program at PENN which is a multidisciplinary program encompassing all aspects of aortic disease including thoracic aortic reconstruction and Marfan's Syndrome. His primary interests include thoracic aortic surgery and more broadly, Cardio-Aortic surgery. This includes aortic dissection, aortic root and ascending aortic reconstruction, aortic arch surgery and the circulation management necessary for successful thoracic aortic clinical outcomes. Additionally, Dr. Bavaria's clinical interests include thoracoabdominal aortic aneurysm surgery and a very busy program in the field of thoracic aortic endovascular repair (TEVAR).

Dr. Bavaria's thoracic aortic surgery program at the University of Pennsylvania presently performs over 400 reconstructive procedures a year and manages over 2,500 patients a year in the Thoracic Aortic Disease Clinic. Basic research and R01 funding is presently ongoing in the molecular biology and pathology of the aortic wall in Genetically Triggered Aortic Conditions (Gen-TAC) as well as neuro-cerebral metabolism and brain protection during cardio-aortic surgery. He is the author of approximately 400 manuscripts, reviews and book chapters.

Dr. Bavaria's other clinical interests include valvular heart surgery and is the Primary Investigator at PENN for the ongoing transcatheter aortic valve trials. He is Co-Director of the PENN TAVR Program. He leads an active cardio-aortic clinical research group and is both the institutional and national primary investigator in over 20 industry sponsored, FDA IDE Phase I, II, and III trials as well as ongoing NIH funding in the GenTAC study and the CTSNetwork.

Dr. Bavaria graduated with honors in chemical engineering at Tulane University where he also received his medical degree. He was awarded the "gold scalpel", the highest surgical honor for a graduating Tulane medical student. He completed his general surgery and cardiothoracic training at the University of Pennsylvania Medical Center and Children's Hospital of Philadelphia (CHOP).

Jerry Blackwell, MD, MBA, FACC

Jerry Blackwell, MD, MBA, FACC is Executive Vice President and Chief Clinical Officer of Ballad Health System. He has been a partner for many years and for 8 years served as the president of the Wellmont CVA Heart Institute, a practice of 45 physicians with a 40-year history of service to patients in northeast Tennessee and southwest Virginia. The group is fully integrated with the Ballad Health System and provides all aspects of adult cardiovascular subspecialty care, cardiothoracic surgery, vascular surgery, and has a nationally recognized clinical research department. Dr. Blackwell has a passion for clinical cardiology, advanced imaging (cardiovascular MRI, CTA, cardiac PET), teaching and advocacy.

Dr. Blackwell is a member of the American College of Cardiology (ACC) Health Affairs Committee where he is chair-elect. He also serves on the board of the Cardiology Advocacy Alliance. He formerly served on the ACC's Board of Governors. He is board-certified in internal medicine and cardiovascular diseases by the American Board of Medical Examiners and received his MBA from the University of Tennessee in 2014.

William J. Bommer, MD, FACC

William J. Bommer's clinical interests focus on sonography (thoracic esophageal and gastric imaging) and intraluminal echocardiography. Dr. Bommer is evaluating risk factors for preclinical disease, morbidity and mortality in patients 65 or older.

Projects involve computer simulation of blood-flow models in finite difference analysis, restenosis prevention with time-release oligonucleotide site-specific delivery, bronchial airway circulation, and new contract agents. He is the director of the California Off-Site PCI Program.

Dr. Bommer completed his undergraduate work at Cornell University and his medical training at the State University of New York at Buffalo.

David Bonner, RT (R), CV, ARRT

Mr. Bonner is the Director of NCDR Clinical Operations, and has been with the American College of Cardiology and NCDR for the past eleven years. Mr. Bonner is currently an ARRT Board Registered Radiologic Technologist since 1995, and a Board Registered Cardiovascular Interventional Technologist since 1998. An experienced leader with 23 combined years of clinical experience and data registry expertise in the field of cardiovascular and peripheral vascular medicine, Mr. Bonner joined the NCDR on January 8, 2007 as a Senior Specialist for the ICD Registry. He currently lives in Washington, D.C. where he has actively participated in the cardiovascular medical community for 18 years. Mr. Bonner obtained a degree in Radiologic Technology, and successfully completed and maintains the American Registry of Radiologic Technologists board requirements for both Radiology and Cardiovascular Interventional Technology.

Ralph G. Brindis, MD, MPH, MACC, FSCAI, FAHA

Dr. Brindis is a Clinical Professor of Medicine at the University of California, San Francisco and serves on the affiliate faculty of the Phil R. Lee Institute of Health Policy Studies at UCSF. He presently is the Senior Medical Officer, External Affairs, for the ACC National Cardiovascular Registry (ACC-NCDR). Dr. Brindis was the President of the American College of Cardiology (ACC) from 2010 to 2011 and the Senior Advisor for Cardiovascular Disease for the Northern California Kaiser

Permanente Medical Group from 2003 to 2012. He received his undergrad education at MIT and has a Master's Degree in Public Health from UCLA. He graduated Emory Medical School Summa Cum Laude. All of his graduate medical training was performed at UCSF as a Resident and Chief Resident in Internal Medicine and then as a Cardiology Fellow.

Dr. Brindis has served previously as the ACC Governor of Northern California and as Past President of the California Chapter of the ACC. Dr. Brindis is past Chair of the ACC-NCDR Management Board now overseeing ten cardiovascular national registries assessing cardiac catheterization and angioplasty, implantable defibrillators, carotid stenting, percutaneous valve implantation, acute coronary syndromes, ambulatory cardiovascular medical management and congenital heart disease. He is past Chair of the ACC Appropriateness Use Criteria Task Force developing appropriateness criteria for non-invasive testing and coronary revascularization procedures in cardiovascular disease. He has also served as Chair of the ACC Quality Strategic Directions Committee. He recently served on the ACC/AHA Task Force for Clinical Practice Guidelines and the ACC Clinical Quality Committee. Dr. Brindis was the 2007 recipient of the national ACC Distinguished Fellow Award and granted the Master's designation of the ACC in 2011. In 2016 he was inducted into the UCLA Fielding School of Public Health Hall of Fame.

Dr. Brindis is active as a volunteer in the American Heart Association (AHA) having served on the California Affiliate Board and previously as President and member of the Board of the AHA San Francisco Division. Dr. Brindis is the Chair of the Cardiac Advisory Panel of the State of California OSHPD initiative overseeing public reporting of hospital and physician specific CABG mortality along with service on the Advisory Board of California's State Pilot program for PCI without surgical on-site capability. Dr. Brindis presently serves as a special government consultant on the FDA medical advisory panel for circulatory devices and has previously served as a panelist for MEDCAC. He presently serves on the executive Committee of FDA's MDEpiNet National Registries Task Force, a public private partnership implementing innovative Post-market medical device surveillance strategies. Dr. Brindis serves as a panel member for the California Technology Assessment Forum (CTAF). He has recently performed consultative work with the Stanford Clinical Excellence Research Center assessing value in healthcare along with serving on the steering committee of SMARTCare, a CMMI project implementing innovative quality CV care for patients with ischemic heart disease. Dr. Brindis has well over one hundred and forty publications in peer reviewed cardiovascular journals.

Dr. Brindis is a general adult cardiologist following a career as an interventional cardiologist presently performing CCU and consultative cardiology with the UCSF medical residency and cardiology fellowship program. His major interest in process measures and outcomes assessment in cardiovascular care has led to helping create and implement various Cardiovascular Guidelines for Northern California Kaiser Permanente.

Dr. Brindis is married to Dr. Claire Brindis, Director of the Philip R. Lee Institute for Health Policy Studies and the Director of the Bixby Center for Global Reproductive Health both at UCSF. Their son Seth is an Emergency Medicine Pediatrician and son Daniel is an environmental lawyer employed by Greenpeace. Dr. Brindis swims on the USF Masters Swim Team and enjoys fine wine and too infrequent golf.

John Carroll, MD, FACC, FSCAI

In 1996 Dr. John Carroll was recruited to University of Colorado School of Medicine from the University of Chicago and has been a Professor of Medicine and founding medical director of the Cardiac and Vascular Center of the University of Colorado Hospital. He leads the Interventional

Cardiology Section. With Dr. John Messenger and other colleagues the program's clinical, research, and training accomplishments have increased and achieved national and international prominence.

Dr. Carroll has been extensively involved with the emergence of transcatheter therapy (TVT) of valvular heart disease that has become the dominant form of therapy for aortic stenosis in the last 5 years surpassing traditional surgery. He is co-chair of the Steering Committee and chair of the Stakeholders Advisory Group for the Society of Thoracic Surgeons and American College of Cardiology (ACC) TVT National Registry that captures the more than 40,000 procedures done every year in the US and includes long-term and patient-reported outcomes. He first authored a publication in Health Affairs that describes the unique role of the TVT Registry in benchmarking quality of care, incorporating unique measures of frailty and quality of life into clinical practice, providing evidence for FDA expansion of indications, gathering data for CMS as required in national coverage decisions regarding these therapies, and serving as the main vehicle for a learning health care system with multiple research presentations and publications. He has been a member of two groups developing patient decision aids for these therapies: one at Duke funded by PCORI and one at CU under Dr. Dan Matloff's leadership sponsored by the ACC. He is a member of the writing committees of three national multi-specialty groups focused on improving care in mitral regurgitation, setting operator and institutional requirements for transcatheter aortic valve replacement, and creating a national system of care for valvular heart disease to be published in 2017-2018. He is chairman of the DSMB and CEC committees for the transcatheter mitral valve replacement technology closest to FDA approval. He and Dr. John Webb of Vancouver co-edited the first textbook of structural heart disease interventions.

In the last year Dr. Carroll was elected to Master Interventionalist of the Society of Cardiac Angiography and Interventions, an honor bestowed on 5-7 interventionalists each year for having demonstrated excellence over the course of their careers. Recently he completed multiple years of service on the writing committee for the Interventional Cardiology board certification examination of the American Board of Internal Medicine. Locally he has been voted Top Doc in Interventional Cardiology for each of the last 10 years. At UCH he is the local principal investigator of 6 clinical trials of innovative therapies in structural/valvular heart disease. He leads the collaboration with Philips Healthcare that has made UCH an international leader in advances in image-guidance of interventional therapies as discussed in an October meeting with Philips executives from the Netherlands, Governor Hickenlooper, several majors, and the CEOs of UCH and Children's Hospital. For the past 15 years Philips has embedded full-time imaging scientists at UCH to assist in alpha and beta testing of investigative imaging technologies, the only such arrangement in the world. With Dr. James Chen of UC Denver, several patents in imaging processing have been issued and licensed.

Dr. Carroll has been co-PI of the international RESPECT trial that has provided evidence of the superiority of PFO closure to medical management to reduce the risk of recurrent ischemic stroke from presumed paradoxical embolism, a major cause of stroke in patients between 18-60 years. He presented the study results at the Expert Advisory Panel of the FDA that was a key step in the FDA approval of the first medical device for this indication. The evidence has been published in two NEJM articles. He now is on the writing committees of US and European professional society documents summarizing the decade of gathered evidence, the operator and institutional requirements, and best practices for programs. He started a PFO Clinic with Vascular Neurology at UCH that provides a regional resource for these patients.

Recently he has been invited as visiting professor at multiple leading academic medical centers including the Cleveland Clinic, University of Pennsylvania, and Cedars-Sinai. He has presented along with Dr. Rob Califf, recent FDA Commissioner, at the Workshop of Real-World Evidence Generation and Evaluation of Therapeutics sponsored by The National Academies of Sciences, Engineering, and

Medicine. In December he will present at the kick-off meeting of the FDA's effort to create a cardiovascular device-coordinated research network. He is on the scientific committee and faculty member of the majority of major professional cardiology meetings and in September was honored to give a plenary lecture at the Japanese College of Cardiology in Osaka and became part of an academic multi-specialty group requesting regulatory approval of PFO closure in Japan. He regularly reviews for NEJM, JAMA, and multiple cardiology journals.

Sophia Chaidez, MBA

Sophia Chaidez, MBA was born and raised in Los Angeles, CA. An acclaimed leader and thinker she combines reason with creativity to support the transformation of technology in the cardiovascular informatics landscape through her vision, innovation and unique aptitude for business intelligence and communications. She is passionate about driving solutions to achieve optimal end-user experiences while leading the future vision of interoperability.

In her current role the focus is aligning knowledge and optimizing technology to achieve organizational clinical excellence goals and growth strategies by ensuring that product solutions are designed to improve efficiencies within the cardiovascular service line. Building data management into workflows and bringing information forward facing allowing physicians, facility executives and clinical leaders to have current and relevant conversations about the cardiovascular environment within the facility.

Prior to joining HCA Corporate, she served as a liaison between clinical and technical teams in the HCA Far West Division as a Division Consulting Cardiovascular Imaging Systems Specialist in Las Vegas, NV. Driving IT&S and vendors to improve technology and data flow to better support clinical operations and patient care. Sophia has been recognized for her work in HCA but says she is most proud to lead an enterprise strategy on how to be data-driven.

Sophia has more than 17 years of cardiovascular experience and has served cardiovascular service lines in many capacities. In addition to her previous position within HCA, Sophia also worked for a Tenet facility in Irvine, CA as a Cardiovascular Data Analyst and Cardiovascular Communications & Marketing Coordinator, and as a Senior Clinical Data Analyst in Quality/Performance Improvement at Saddleback Memorial Medical Center, Laguna Hills and San Clemente, CA. Her work experience also includes service as a Cardiology Technician and Cardiovascular Data Analyst for Anaheim Memorial Medical Center, Anaheim, CA. Sophia earned a Bachelor of Arts in Communications, Public Relations from California State University-Fullerton, and a Master's degree in Business Healthcare Management from Western Governor's University.

Sophia is married and mother to three children Wyatt (5), Whitney (4) and Willow (3) all residing in Nashville, TN. She enjoys people watching, analysis of all sorts and matters, visual communications, fashion, coloring outside the lines and Bikram yoga.

Barbara Christensen, MSHA, RN, CPHQ, AACC

Barbara Christensen oversees all operational and strategic activities of the NCDR registry programs which include registry support, training and orientation, clinical quality teams, business development, and international expansion initiatives. Recently, Ms. Christensen expanded her role to include operational and strategic oversight of ACC Accreditation Services Field Operations and Customer Service. Ms. Christensen is a registered nurse with extensive experience in cardiovascular leadership and administration. Prior to joining the ACC in 2008, she was the Executive Director for Cardiovascular Services at Washington Adventist Hospital in Takoma Park, Maryland. In this role,

she oversaw all aspects of acute care cardiovascular programs, including the development and implementation of quality improvement processes for clinical outcomes.

Ms. Christensen received her Bachelor of Science in Nursing from Loma Linda University, Loma Linda, CA and her Master of Science in Healthcare Administration from the University of Maryland. She received her designation as an Associate of the American College of Cardiology in 2012.

Jori Christensen, MSN, MBA, RN

Jori Christensen is a registered nurse who currently works as the Director of Cardiovascular Services at Morris Hospital & Healthcare Centers in Morris, Illinois. After working for nearly two decades in the critical care setting, Jori transitioned into the Manager of Education Services and then acquired the responsibility of Cardiovascular Services (which includes Cath Lab, Cardio-Diagnostics, Cardiac Rehab and Pulmonary Rehab) nearly five years ago. She also co-leads the Rhythm of Our Youth adolescent cardiac screening program, that has screened over 4,300 high school students in the past two years. She holds a Master's in Nursing (MSN) in nursing administration and a Master's in Business Administration (MBA) in healthcare administration from Lewis University.

Dawn Clayburn, BSN, RN

Dawn Clayburn is a registered nurse who is currently the Manager of Critical Care Services, which encompasses ICU and Pulmonary departments, at Morris Hospital & Healthcare Centers in Morris, Illinois. Dawn started as an ICU nurse at the beginning of her career 28 years ago. She also functioned as House Supervisor and was the Cath Lab Supervisor for a short time at Morris Hospital. She began her role as Manager of Critical Care Services over two years ago. She also co-chairs the Rhythm of Our Youth adolescent EKG screening program. This cardiac screening program started two years ago and has already screened over 4,300 high school students.

Karen Colbert, BSN, RN

Ms. Colbert transitioned to her current position at the ACC as a Clinical Quality Advisor in June 2015, where she provides customer support to participating sites of the PVI Registry and the STS/ACC TVT Registry. She started her career as a military nurse stationed at Fort Dix, New Jersey. After military service, she spent many years as a critical care bedside nurse specializing in cardiology in hospitals in the Washington, DC area. She also spent the last several years in a Nursing Education Department working with a Registered Nursing (RN) Residency Program for new graduate nurses who are making their transition from a school environment to unit and floor nursing. She received her Bachelor of Science in Nursing 1983 from the University of Akron and is a member of the American Association of Critical Care Nurses.

Shelly A. Conine, RN

Shelly Conine joined the ACC NCDR as a Clinical Quality Advisor in June 2016. Mrs. Conine provides clinical support to participants of the ACTION Registry. Mrs. Conine is a registered nurse with over fifteen years of experience in the field of Cardiology in Pre and Post Cardiac and Vascular Procedures, including eleven years of Nursing Management. Mrs. Conine began her nursing career at Washington Adventist Hospital in Takoma Park, Maryland where she was awarded Nurse of the Year in 2004. Mrs. Conine worked on several hospital-based quality improvement programs and under her leadership, the Transcare Unit was one of the most successful and highly rated units within the Adventist Healthcare organization. In addition, Mrs. Conine was instrumental in the

implementation of the Transradial lounge in her unit; the first to open in the Washington, DC area. Prior to joining the ACC, Mrs. Conine was a Clinical Research Coordinator for multiple studies.

Lauren Michelle Conlin, BSN, RN, CCRP

Lauren Conlin graduated with her Bachelor of Science in Nursing from Eastern Michigan University in 2004. She started her career as a staff nurse in the Hematology/Oncology Bone Marrow Transplant unit at the University of Michigan Hospital. She has been with the University of Michigan Hospital for over 17 years in various positions, such as nurse's aide, nurse, research project manager, to her current role as the TVT Registry Project Manager.

Christine Coyne, RN

Christine Coyne has been a critical care nurse for 30 years. For the last 15 years she has worked with Cardiology Consultants of Philadelphia (CCP). She was the Director of the first outpatient, privately owned catheterization laboratory in Philadelphia from 2002 through 2012.

In 2012 she transitioned to Director of Quality and Compliance for Cardiology Consultants of Philadelphia. In this position, Christine has been successful in obtaining accreditation for Home Sleep studies for all thirty CCP offices, and has worked developing quality measures for contracts with private insurers, such as IBC and AETNA, as well as for hospital systems affiliated with CCP. She works closely with PINNACLE, QCDR, reviewing and updating data for successful submission to CMS programs.

She has a passion for getting the right data and helping CCP to be successful in their business contracts as well as providing quality patient care.

Kachina Cuyler

Kachina Cuyler, is a Data Coordinator who works with the Hospital of the University Pennsylvania within the Cardiac Surgery Department – TAVR team. Kachina holds a Bachelor of Science degree in Healthcare Management from Chestnut Hill College, Philadelphia. Kachina, is new to the NCDR and is looking forward to gaining insight to the various roles that collaborate for the TVT registry. She plans to start Graduate school this spring at Drexel University, Philadelphia.

Gregory J. Dehmer, MD, MACC, MSCAI

Dr. Dehmer is a Clinical Professor of Medicine at the Texas A&M University College of Medicine and Vice President, Medical Director of Cardiovascular Services, Central Texas Division at Baylor Scott & White Health. Dr. Dehmer earned his undergraduate degree from Carroll University and medical degree from the University of Wisconsin in 1975. He completed his training in internal medicine and cardiology at the University of Texas Southwestern Medical Center at Dallas.

Dr. Dehmer is board-certified in Internal Medicine, Cardiovascular Disease and Interventional Cardiology. He is a past president of the Society for Cardiovascular Angiography and Interventions (SCAI) and has served on the Board of Trustees of the American College of Cardiology (ACC). Dr. Dehmer has participated on the writing committees of several national guidelines and other documents. These include the Clinical Competency Statement on Cardiovascular Interventional Procedures, Guidelines for Coronary Angiography, Expert Consensus Document for Cardiac Catheterization Laboratories, Expert Consensus Document for PCI without on-site cardiac surgery and the Appropriate Use Criteria for Coronary Artery Revascularization (2009, 2012, 2016 and 2017).

He is an emeritus member of the National Cardiovascular Data Registry management board, Chair of the Public Reporting Advisory Group of the NCDR and Co-Chair of the Appropriate Use Task Force of the American College of Cardiology. He has published more than 200 articles and book chapters and has served on the Editorial Boards of Circulation, the Journal of the American College of Cardiology, and the American Journal of Cardiology. He is a Master Fellow of the American College of Cardiology (MACC) and the Society for Cardiovascular Angiography and Interventions (MSCAI). Previously, Dr. Dehmer was the director of the cardiac catheterization laboratory at the University of North Carolina Hospitals and Professor of Medicine at the UNC School of Medicine. Before his position at UNC, he was at the University of Texas Southwestern Medical School as an Assistant Professor of Medicine and Director of the cardiac catheterization Laboratory at the Dallas VA Medical Center.

Beth Denton, BA

Ms. Denton joined the American College of Cardiology in 1995. She received her Bachelor's degree in Economics and Business from St. Mary's College of Maryland. After graduation she pursued and completed a Certificate in Computer programming and began a career which spanned 20 years working in the public sector for several branches of the Department of Defense and the US Nuclear Regulatory Commission. She holds a number of professional certifications in MS SQL and Data Analytics.

During her tenure at the College, she worked primarily with Information Technology Department and for many years, was joint ACC/AHA staff in Clinical Practice Guidelines. In this capacity she supported numerous clinical writing committees responsible for the development of the Atrial Fibrillation, Heart Failure, STEMI, Device-Based Therapy, Perioperative CV Evaluation and CV Risk Guidelines. She left the College and worked at the American Society of Nuclear Cardiology for three years on the ImageGuide Registry which was certified as a QCDR. She returned to the College in 2015 where she supports the NCDR's ICD, Atrial Fibrillation and LAAO registries. Ms. Denton is pursuing a Masters in Health Informatics Administration beginning this spring.

Amy Dukovcic, CRNP

Amy Dukovcic has had a long career in Cardiac Care in a variety of roles. Currently she serves as the Executive Director of Cardiac and Vascular services at Washington Adventist Hospital where she has worked since 1993. She graduated from University of Pittsburgh with a bachelor's degree in Nursing and has worked at Alleghany General Hospital, Georgetown University Hospital, and The Veteran's Administration Hospital as an ICU and stepdown nurse primarily for Cardiac Surgery patients. She obtained her master's degree in nursing in 1993 and came to Washington Adventist as a Cardiac Nurse Practitioner, caring for Cath Lab, Electrophysiology, and Cardiac Surgery patients. Always striving to do more, she obtained an EMBA from George Washington University and gained valuable experience working in the pharmaceutical and lab equipment industries. These experiences have led her back to WAH to become the leader of the Cardiac Services line, a service with a long and distinguished history of providing high quality patient care to the residents of Montgomery and Prince George's Counties. Currently she is busy preparing her teams for a move to their new facility scheduled to open in 2019.

In her leadership work she became involved with the Mended Hearts in 2010 and now proudly serves as the Vice President of Mended Hearts Chapter 94, which serves the Washington DC Metro region. She has served as a National Examiner for the Malcolm Baldrige Quality Award in 2016 and 2017. Also she currently serves on the Leadership Council for the Maryland Chapter of the ACC.

Through her work and life experiences she has dedicated her life to serving others and plans to continue this work for a lifetime.

Sue Eastman, MA

Sue Eastman has been in the healthcare field at Mayo Clinic for 25 years. She holds a Master's Degree in Healthcare Administration and is currently the Operations Manager for the Mayo Clinic Rochester Cardiac Catheterization Laboratory. She manages all aspects of the catheterization laboratory including, but not limited to, finances, research, practice, education, staffing needs and issues. She leads and manages five of the NCDR quality data registries teams in Rochester and collaborates with all Mayo Clinic Enterprise teams across the United States.

Kristen Eimer (Young), BSN, RN

Mrs. Eimer (Young) joined the American College of Cardiology (ACC) as a Clinical Quality Consultant in June 2017. She provides customer support to participating sites of the CathPCI and ACTION Registries. After graduating with an RN Diploma in Nursing from the Washington Hospital School of Nursing in Pennsylvania, she began her career as a cardiology nurse working in an intermediate care cardiac step-down unit. Shortly thereafter, she returned to school to receive her Bachelor's Degree in Nursing from Waynesburg University and continued her career with over 14 years of diverse acute care experience including Trauma ED, Cath Lab and Electrophysiology. She transitioned from bedside nursing into roles of a Quality (CMS and TJC) Reporting and Improvement Specialist and NCDR Registry Outcomes Specialist (ACTION and ICD), where her passion to analyze and improve the health of cardiovascular patients fueled her purpose. Mrs. Eimer (Young) is currently attending George Mason University in VA, where she is studying to obtain her Master's Degree in Nursing.

Susan Fitzgerald MS, RN

Susan has worked at the NCDR for the past 18 years. She currently works as an Associate in Clinical Measurement and provides scientific oversight for the TVT Registry. Previously, she worked as a nurse, nurse manager and clinical specialist in cardiology in two community hospitals in Maryland and Virginia. Ms. Fitzgerald received both her undergraduate and graduate degrees at American University in Washington, DC. She lives in Maryland with her husband and four sons.

Lisa Foster, MOL, RT (R, CV)

Lisa has been at the Heart Hospital Baylor Plano (THHBP) for over 4 years. She came to Texas in 2013 as Manager of Invasive cardiology, a very busy Cath Lab with over 100 Interventional Cardiologist's & more than 1500 PCI's per year. During her time as Manager Lisa served as Co-Chest Pain Coordinator as the hospital prepared for reaccreditation. Mid 2016, Lisa transitioned to Health Care Improvement where she took on the role of Site Manager for CathPCI Registry. This allows Lisa to stay very close to her love of Cath Lab, while having the opportunity to help lead quality improvement initiatives as well as strive for excellence within her registry outcomes. In this role Lisa is responsible for abstracting, analyzing, reporting and facilitating continuous quality improvement. Lisa is now abstracting, real-time, more than 1500 PCI's per year while continuing to work closely with the cardiologist's as well as the Cath Lab staff. During Lisa's first year with HCI she had the opportunity to co-author last year's NCDR People's Choice Award winning poster "Improving Discharge Medication Compliance and Documentation Across Multiple Registries". This year Lisa has the honor of presenting her processes for real-time abstraction as well as being listed as contributing to two of this year's poster's from THHBP that have been accepted for presentation. Prior to coming to Texas and THHBP, Lisa had over 20 years' experience first in Cath Lab as a staff

tech, then moving to Contracting within Materials Management for Cardiology. Her next opportunity was coming back to Cath Lab as Manager & lastly as Surgical Services Business Manager before her move to Texas. Lisa has her Master's in Organizational Leadership from St. Ambrose University, Davenport, IA.

Fridsma, Doug, MD, PhD, FACP, FACMI

Doug Fridsma, MD, PhD, FACP, FACMI, is the President and Chief Executive Officer of AMIA, a membership society representing 5,400 professional and student informaticians and their interests and activities in academe, industry, government and nonprofit organizations.

Dr. Fridsma is an expert in informatics, interoperability, standards, and health IT (including meaningful use). His understanding of the science and application of informatics and experience as practitioner and policymaker give him a depth of knowledge well-suited to the critical challenge of transforming health and health care.

Prior to joining AMIA, Dr. Fridsma was the Chief Science Officer for the Office of the National Coordinator for Health Information Technology, responsible for the portfolio of technical resources needed to support the meaningful use program and health information technology interoperability. While at ONC, he developed the standards and interoperability framework to accelerate the development of technical specifications for interoperability, and in collaboration with the NIH and other federal agencies, was instrumental in establishing the key priorities in the PCOR Trust fund. Prior to ONC, Dr. Fridsma held academic appointments at the University of Pittsburgh, Arizona State University, University of Arizona, and Mayo Clinic, and had a part-time clinical practice at the Mayo Clinic Scottsdale. He has served as a board member of HL7 and the Clinical Data Interchange Standards Consortium (CDISC) where he was instrumental in developing standards that bridge clinical care and clinical research.

Nadia Garcia, BBA

Nadia Garcia has worked at The Heart Hospital Baylor Plano, in Plano, TX for ten (10) years. Throughout her tenure at The Heart Hospital Baylor Plano, she has worked in various roles with the most current being a STEEEP Care Specialist in the Quality Department. In this position, she is responsible for abstracting, analyzing, reporting, facilitating continuous quality improvement and data collection with assigned suites of cardiovascular data registries. Her expertise includes the ICD Registry, ACTION Registry and Mission: Lifeline.

Ms. Garcia is originally from Dallas, TX and received her Bachelor's degree in Business Administration from Texas Tech University. Her first job in the medical setting was when she was 18 years old as a Concierge. Throughout the years, she has worked in different areas of the hospital exposing her to new skills. It was because of this exposure and recent role that she reconsidered her degree and decided to pursue a Masters in Physician Assistant Studies (MPAS) and will complete the program in 2021.

In her spare time, Ms. Garcia enjoys being with her fiancé, parents and siblings. She loves to travel and hopes to go to different parts of Europe one day. Hobbies include exercising, working on puzzles and watching movies.

Fernando Garcia-Barbon, BSN, RN

Mr. Garcia-Barbon received his BSN from Columbia Union College in 2002 and began his nursing career at Washington Adventist Hospital. From 2002 to 2006 he worked as a staff nurse in the Cardiac Telemetry Unit which sparked his interest in cardiovascular care nursing. In 2006 he made the transition to the Cardiac Catheterization Lab, where he worked for 9 years. In 2015, Mr. Garcia-Barbon joined the ACC's NCDR as a Clinical Quality Advisor. He is currently working with the ICD, LAAO, and AFib Ablation Registries.

Ty J. Gluckman, MD, FACC, FAHA

Ty J. Gluckman, MD, FACC, FAHA is Medical Director of the Center for Cardiovascular Analytics, Research, and Data Science (CARDS) at the Providence St. Joseph Heart Institute in Portland, Oregon and an adjunct faculty member of the Ciccarone Center for the Prevention of Heart Disease at The Johns Hopkins Hospital in Baltimore, Maryland. Dr. Gluckman graduated summa cum laude with highest honors from Brandeis University and received his medical degree from Northwestern University Medical School in Chicago, Illinois. He completed his internal medicine training at McGaw Medical Center of Northwestern University, where he remained for additional years as chief resident and an Instructor of Medicine. He completed his cardiology fellowship training at The Johns Hopkins Hospital and served as chief fellow during his final year there.

Dr. Gluckman's principal clinical interests include identifying, coordinating, and implementing cardiovascular care improvement strategies. He has authored or co-authored over 50 peer-reviewed scientific articles, reviews, and book chapters. His work has been published in several high-impact journals including *JACC*, *Circulation*, *JAMA*, *JAMA Cardiology*, *JAHA*, and the *Archives of Internal Medicine*. For the last 3 years, Dr. Gluckman has led the Interprofessional Practice (IPP) track at the National Cardiovascular Data Registry (NCDR) annual meeting. He serves as Associate Editor for Practice Guidelines and Clinical Documents for ACC.org, the primary web site for the American College of Cardiology (ACC). He is an active councilor and Governor-Elect for the Oregon Chapter of the ACC. He previously served as National Clinical Quality Expert for the ACC Patient Navigator Program and currently serves as National Chair of the ACC Patient Navigator Program-Focus MI. Dr. Gluckman was lead developer for the ACC/AHA Atherosclerotic Cardiovascular Disease (ASCVD) Risk Estimator app, selected as the best medical app in 2014 and more recently, helped to design the AnticoagEvaluator, BridgeAnticoag, ASCVD + and LDL-C Manager apps. Dr. Gluckman recently completed the Health Management Academy GE Fellows Program for Physician Executives and was selected by Cardiology Today as a "Next Gen Innovator".

Sana Gokak, MPH

Ms. Gokak is a Registry Science Associate with the American College of Cardiology (ACC) where she works in support of the development and implementation of the National Cardiovascular Disease Registries with internal and external stakeholders. Prior to serving in this role, Ms. Gokak was a Clinical Measurement Associate at the ACC in which she served as the staff liaison to the ACC/AHA Task Force on Performance Measures. In this capacity, Ms. Gokak managed the development of the acute myocardial infarction and cardiac rehabilitation performance measure sets. Ms. Gokak has 10 years of work experience in the area of healthcare quality and policy including working for the American College of Surgeons, the Henry Ford Health System, and the Centers for Disease Control and Prevention. Ms. Gokak received her Master of Public Health from Emory University Rollins School of Public Health and a Bachelor of Science from the University of South Florida.

Lara Gold, MA

Lara is an ACC staff member who has been working on Appropriate Use Criteria efforts for over 4 years. In this role, she has shepherded multiple AUC manuscripts from inception to publication, working with key stakeholders to implement these health policies. She manages multiple ACC member committees including writing groups and rating panels, and serves as a liaison to NCDR Registry staff in order to better align our mutual efforts. Lara attended Elizabethtown College in Elizabethtown, PA and graduated with a Bachelor of Arts degree in Political Science, and received her Master of Arts degree in International Relations with a focus on global health from Seton Hall University, South Orange, NJ.

Abhinav Goyal, MD, MHS, FACC, FAHA

Dr. Goyal is an academic cardiologist who serves as an Associate Professor of Medicine (Division of Cardiology) at the Emory School of Medicine, and Associate Professor of Epidemiology in the Emory Rollins School of Public Health. Dr. Goyal also serves as the Chief Quality Officer for the Division of Cardiology at Emory Healthcare. He is responsible for directing all cardiology quality-related initiatives at Emory Healthcare, including providing oversight for all Emory hospitals' participation in the ACC NCDR Registries, and The Emory Clinic's quality improvement initiatives pertaining to cardiovascular performance measures and value-based purchasing. He also serves as Co-Chair of the American Heart Association Atlanta Mission: Lifeline program for patients with STEMI; an advisor to the state of Georgia Department of Public Health regarding their Emergency Cardiac Care Center legislation; an advisor to CMS regarding the implementation of new diagnosis codes for myocardial infarction; and a volunteer on several NCDR scientific, publication, and planning committees. Dr. Goyal is an active clinical investigator and has over 80 publications in the areas of quality, health services research, and outcomes research in cardiovascular medicine; population research investigating the link between diabetes or dysglycemia and cardiovascular disease; and cardiovascular clinical trials.

Suellen K. Grice, RN

Suellen Grice is a Registered Nursing Quality Specialist for the CV Registry Department. She is responsible for developing and supporting the infrastructure necessary for quality outcomes and public reporting within the Department of Cardiology. The role includes analyzing current practice patterns and identifying areas for improvement. She is responsible for the accuracy of data collection and abstraction, promptness and identification of opportunities for quality improvement activities, and serves as a resource to support the department in areas of practice analysis and improvement. Suellen has worked at Mayo Clinic for more than 25 years. Prior to her current role, Suellen's experiences include Heart Rhythm Services as a RN Coordinator and staff nurse in Cardiology. She earned her Bachelor of Science from Winona State University.

Kathleen M. Hewitt, DNP, RN, CPHQ, AACC

As Associate Vice President for Strategy and Innovation in the American College of Cardiology (ACC), Science and Quality Division, Kathleen Hewitt is responsible for the strategic direction of ACC's clinical data registries national quality campaigns, and innovation projects. Under Kathleen's leadership the ACC's quality portfolio has grown into an unprecedented 3,000 hospital and healthcare system networks, who use ACC's resources as their gold standard benchmark and to improve patient outcomes and clinical practice.

Ms. Hewitt received her Doctor of Nursing Practice degree in May 2017 from George Washington University, her Master of Science in Nursing degree from George Mason University in 1997, became a Certified Professional in Healthcare Quality (CPHQ) in 2010, and is one of the first inductees as an Associate of the American College of Cardiology (AACC).

Ms. Hewitt's 30-year healthcare career reflects her dedication and passion for improving cardiovascular care. Her special interest in healthcare strategy, innovation, and implementation science combined with her "hands-on" experience in providing cardiovascular related care brought her to the ACC. Previously Ms. Hewitt held a number of positions focusing on quality patient care, performance improvement, and clinical care at INOVA Health System in Northern Virginia.

Valerie Holt, MPH

Valerie joined the ACC this year as an Associate for the ACC Quality Campaigns. She has a background in biology and anthropology from her studies at the University of Virginia and is a recent recipient of a Master's of Public Health with a concentration in Community-Oriented Primary Care from the GW School of Public Health.

Jon Jennings, MBA, RN

Jon Jennings is the Assistant Vice President of Cardiovascular and Neuroscience Services for the Clinical Services Group (CSG) of the Hospital Corporation of America (HCA) in Nashville, Tennessee.

His primary focus is leading HCA's cardiovascular and neuroscience clinical performance improvement efforts. In this role, he designs and leads HCA programs such as the American College of Cardiology (ACC) National Cardiovascular Data Registry (NCDR) CathPCI and Society of Thoracic Surgeons (STS) quality improvement playbooks, which provide structure, process, actionable tools and resources for enhancing care delivery and improving patient outcomes. Mr. Jennings is a member of the ACC-NCDR Public Reporting National Advisory Group, Metric Development for Public Reporting National Workgroup, STS/ACC TVT Public Reporting Workgroup, incoming member of the NCDR Management Board, and CMS Technical Panel for Hospital Compare Public Reporting. He works extensively with physicians, quality teams, and clinical leaders, as well as non-clinical personnel including operations and other leadership to educate on the importance of registry participation, data integrity, physician engagement, and performance awareness.

Mr. Jennings has been with HCA since 2011 and frequently collaborates with other HCA entities on a broad spectrum of initiatives, including Corporate Regs, Internal Audit, IT&S, Strategic Resource Group, HealthTrust Purchasing Group, and Strategic Pricing & Analytics on the development of service line dashboards, compliance worksheets, audit programs, and third-party payor COE designation reviews. He is a recognized expert and leader in cardiovascular and neuroscience operations and quality improvement.

Before joining HCA, Mr. Jennings was the Chief Quality Coordinator at Indiana University Health-Methodist Hospital in Indianapolis, Indiana. He served 15 years at IU Health in a variety of positions including: Coronary Critical Care RN, Charge Integrity Analyst, Charge Audit Coordinator, and Manager of Cardiovascular Charge Reconciliation and Outcomes.

John Jirout, BBA, ADN, RN

John Jirout joined the American College of Cardiology as an NCDR Clinical Quality Advisor in March of 2017. He began his career in sales and marketing for technology companies after receiving a Bachelor's Degree in Business Administration from James Madison University. He later realized a

passion for nursing and patient care, particularly in the field of cardiology. He pursued and completed an Associate's Degree in Nursing in his home state of New Jersey and went on to work in a cardiothoracic surgical step-down unit, where he flourished and settled into the role of Nurse Manager. Mr. Jirout continued to advance his keen interest in cardiovascular care by taking a position in the Cardiac Cath Lab, where he honed his skills and knowledge for the next 6 years. He now utilizes this valuable experience in his current role, providing education and clinical support to participants in the CathPCI and PVI Registries.

Hani Jneid, MD, FACC, FAHA, FSCAI

Hani Jneid is the Associate Professor of Medicine and Director of Interventional Cardiology Research at Baylor College of Medicine. He is also the Director of Interventional Cardiology at The Michael E. DeBakey VA Medical Center.

Dr. Jneid received his medical degree from American University of Beirut Medical School Hospital and completed his Residency at the Cleveland Clinic Foundation. He also completed a Clinical fellowship in Cardiovascular Medicine at University of Louisville School of Medicine and clinical fellowships in Interventional Cardiology and Advanced Interventional Cardiology at Massachusetts General Hospital - Harvard Medical School.

Karen Joynt Maddox, MD, MPH

Karen Joynt Maddox, MD, MPH is a practicing cardiologist at Barnes-Jewish Hospital and an Assistant Professor at Washington University School of Medicine and School of Social Work, as well as a health policy advisor for BJC Healthcare, a 15-hospital system in Missouri and Illinois. She served from 2014-2016 as Senior Advisor in the Office of Health Policy, United States Department of Health and Human Services. She is a health services and health policy researcher with expertise in quality measurement, value-based and alternative payment models, and disparities in care. She serves as the Associate Editor for health policy at the Journal of the American Medical Association, and on committees related to quality measurement and payment reform at the National Quality Forum, American College of Cardiology, and American Heart Association.

Emily Keltner, BS, MA

Ms. Emily Keltner began her career in cardiac rehab receiving her Bachelor's and Master's degree from The Ohio State University in Exercise Physiology specializing in heart failure. Her passion to learn more turned her career to electrophysiology as a Lab Technician with the Electrophysiology Lab at Methodist IU Hospital in Indianapolis. She continued her career in electrophysiology at the Electrophysiology Lab at Parkview Regional Medical Center in Fort Wayne, IN. She has more than 12 years' experience as an EP Lab Technician with 10 years at Parkview Health. She started the NCDR® PVI™ registry in late 2015 as Database Specialist at Parkview Health and has added LAAO™ and AFib Ablation™ registries along with four other hospital registries.

Dennis W. Kim, MD, PhD, FACC, FSCAI

Dr. Kim is an interventional pediatric cardiologist at Children's Healthcare of Atlanta Sibley Heart Center where he is Director of the cardiac catheterization laboratories. He is an Associate Professor at Emory University Medical School. Dr. Kim received his undergraduate degree at the University of Michigan, Ann Arbor. He went on to complete the Combined MD/PhD Program at the University of Texas Medical Branch. He returned to Ann Arbor for his residency in Pediatrics, fellowship in Pediatric Cardiology, and advanced training in Pediatric Interventional Cardiology. His clinical

interests are in interventional cardiology in children and adults with congenital heart disease. He has served on the Congenital Heart Disease Council, Board of Trustees, and the Nominating Committee for the Society of Cardiac Angiography and Interventions (SCAI). He was a past editor in chief for SecondsCount.com, a patient-centered cardiovascular educational website sponsored by SCAI. Dr. Kim was involved with the development of the Transcatheter Pulmonary Valve Module for the IMPACT Registry. He believes that continuous improvement in clinical care can be accelerated through large scale registries that synthesize the experiences of many.

Lloyd Klein, MD, FACC

Lloyd W. Klein, MD, is Professor of Medicine at Rush University Medical College in Chicago, Illinois and Director of Clinical Research, Cardiology Services Quality, and Cardiology Research at Illinois Masonic Medical Center. He is also Director of Clinical Cardiology Associates in Chicago, Illinois. Dr. Klein graduated from Kenyon College and the University of Cincinnati College of Medicine. He completed an internal medicine residency at Albert Einstein College of Medicine and his fellowship training in cardiology at Mount Sinai Medical Center. He is a nationally recognized expert in individualizing coronary revascularization strategies. He has championed the measurement of risk-adjusted outcomes to evaluate interventional program and operator quality, and chaired the national committees that wrote the guidelines on these topics. He was a founder of the National Cardiovascular Data Registry. Dr. Klein has been involved in the development of numerous national cardiology guidelines as chair, author and peer reviewer. He is assistant editor for *Plaque Composition and Dynamics* for the *Journal of Invasive Cardiology*, and he participates on many journal editorial boards. He has been an investigator in numerous clinical trials, studying the role of stenting and pharmacotherapy in acute coronary syndromes and myocardial infarction. Dr. Klein has authored nearly 600 journal articles and abstracts. He 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.

Christina Koutras, BSN, RN, CPHQ

Ms. Koutras joined the ACC in April 2010 and is the Product Manager for the LAAO Registry. She also serves as the team leader for NCDR hospital registry products. She received her Bachelor of Science in Nursing Degree from the University of Maryland and proceeded directly into an ICU Fellowship program at the Washington Hospital Center, Washington, DC post-graduation. Ms. Koutras brings with her to the NCDR her past nursing experience in the areas of surgical intensive care, cardiovascular recovery, cardiac catheterization, and the electrophysiology lab.

Kimberly Lavin, MSN, MPH, RN

Ms. Lavin joined the American College of Cardiology's (ACC) National Cardiovascular Registry (NCDR) in 2017. In her position as an Associate in the Registry Science Development team she supports both the PVI and the CathPCI Registries. Ms. Lavin is a Registered Nurse in the state of Virginia and has over 30 years of healthcare experience. She has been fortunate to have held various positions in the healthcare field during her career. These positions include: Intensive Care Nursing, Acute Care Nurse Practitioner, Cardiac Catheterization Lab Manager, and Director of Performance Improvement.

She received her Bachelor of Science in Nursing from Creighton University. Later she received her Master's in Nursing and Public Health from the University of Alabama at Birmingham. Ms. Lavin also completed a Fellowship in Patient Safety at Virginia Commonwealth University.

Diane Loveday, RN

After graduating from Lynn Hospital School of Nursing in Massachusetts, Loveday began her nursing career at Massachusetts General Hospital before moving to Florida to continue her career. She joined IRMC in 2011 working as an RN in the Cardiac Step-Down Unit and in the Telemetry Overflow Unit. Loveday, who has more than 35 years of nursing experience, currently serves as Heart Failure Acute Myocardial Infarction care coordinator. She provides personalized support to each patient to help them understand their condition, treatment, medications, and prepare for their return home.

Kate Malish, PharmD

Kate Malish is an Associate in the Clinical Quality Advisory Team in the Science, Education and Quality Division. She is the newest member of the team, joining the ACC in November 2017. Kate graduated from the University of Maryland, College Park with a Bachelor of Science degree in Community Health Education. She then went on to complete a Radiology Technologist program and specialized in the cardiac catheterization lab, where she worked for 4 years. Kate then enrolled in pharmacy school and received her Doctor of Pharmacy degree in 2012. She has since worked as a hospital clinical pharmacist for the past 5 years. Dr. Malish is excited to join the ACC and further expand her clinical knowledge. She lives in Alexandria, VA with her husband and daughter.

Kimberly Marshall, BSN, RN, CPHQ, AACC

For the last 5 years, Kim has worked as the Clinical Quality Specialist at Colorado Hospital in Aurora Colorado. Prior to that position, she served for several years as the Clinical Outcomes Coordinator at St Anthony's Hospital in Lakewood, Colorado where she also had worked as a staff and clinical nurse on a medical-surgical telemetry unit, a surgical-neurology-orthopedic unit, CCU, and CICU. She was a presenter at the NCDR.16 in the Interprofessional Practice break out session, the NCDR.15 annual conference, MD/Administrative breakout sessions, NCDR.14 annual conference, STS/ACC TVT Registry breakout sessions, 2015 May AHA Mission: Lifeline Montana grant participants, 2014 & 2013 April AHA Mission: Lifeline Wyoming grant participants, 2013 September AHA Colorado STEMI Coordinators meeting, 2010 AHA Mission: Lifeline Symposium, NCDR.13 annual conference 'New Orientation' presenter, and presented posters at previous NCDR Annual Conferences. Volunteer work includes ACC Nurse Planner for 2013-2018, Focus group for ACC Quality Improvement for Institutions. She also has worked on the NAHQ Data analytics work group 9/2014 to 1/2015. Kim received her AD in Nursing from the New Hampshire Technical Institute in Concord, New Hampshire, and her BSN from Regis University in Denver, Colorado. She also has a Bachelor of Arts in Biological Sciences from the University of California in Santa Barbara, California

Frederick A. Masoudi, MD, MSPH

Dr. Masoudi is a practicing general cardiologist and cardiovascular health outcomes investigator at the University of Colorado Anschutz Medical Campus. He received his medical degree from the Johns Hopkins University School of Medicine and served as a resident and chief resident in internal medicine at the University of California, San Francisco. He completed his fellowship in cardiology and receiving a Masters in Science in Public Health at the University of Colorado. He is currently a Professor of Medicine with tenure at the University of Colorado Anschutz Medical Campus.

Dr. Masoudi is an expert in clinical registries, quality measurement, and outcomes research in cardiovascular diseases. He has published more than 245 peer-reviewed papers and has co-authored more than 50 guidelines and consensus statements. He has published on the topics of

quality and safety of cardiovascular care; the effectiveness of therapy in community-based settings; cardiovascular disease in the elderly; the impact of comorbidity on treatment and outcomes, and patient reported outcomes in cardiovascular disease.

Dr. Masoudi is the Chief Science Officer and Management Board Chair of the American College of Cardiology's NCDR, which comprises ten national cardiovascular quality programs. He also serves on the Board of Trustees of the ACC. He has previously served as the Chair of the American Heart Association Scientific Council on Quality of Care and Outcomes Research; as an Associate Editor of *Circulation: Cardiovascular Quality and Outcomes*; and Chair of the ACC/American Heart Association Task Force on Performance Measures.

David D. McManus, MD, ScM, FACC, FAHA, FHRS

Dr. McManus is an Associate Professor, Departments of Medicine and Quantitative Health Sciences as well as Director of the Atrial Fibrillation Program and Anticoagulation Service at the University of Massachusetts Medical Center in Worcester, Massachusetts. He has published over 160 manuscripts, largely focused on enhancing the early diagnosis and management of patients with heart rhythm abnormalities. He is a practicing cardiologist/electrophysiologist and serves as the Chair of the ICD Registry Steering Committee and a member of the LAAO Registry and AFib Ablation Registry Development Committees. He received his medical degree from the University of Massachusetts and completed his residency and fellowship program at the University of California in San Francisco, California as well as University of Massachusetts Medical School.

Elizabeth B. McNeely, PharmD, BCPS-AQ, Cardiology

Elizabeth B. McNeely is the Director of Cardiovascular Services who works with corporate executives, CMOs and cardiovascular service lines to improve quality performance in cardiovascular care across HCA. During her time as a clinical cardiovascular specialist, she held various leadership roles on intra-disciplinary teams to improve patient outcomes in invasive and non-invasive cardiology. Elizabeth's areas of focus are in cardiology and cardiovascular surgery clinical performance across the HCA enterprise. She also facilitates sharing and implementation of best practices across the HCA enterprise with an emphasis in NCDR CathPCI performance.

Dr. McNeely serves as the Cardiology Pharmacy Residency Director at Centennial Medical Center and is an Assistant Professor in the Department of Clinical Pharmacy for the University of Tennessee Health Science Center, College of Pharmacy. Elizabeth holds a Bachelor's Degree in Chemical Engineering from Virginia Tech and a Doctorate of Pharmacy from the University of Tennessee Health Science Center, College of Pharmacy. Dr. McNeely completed her Pharmacy Practice Residency at Methodist University Hospital prior to completing her Heart Failure Pharmacotherapy Fellowship at the University of North Carolina, Eshelman School of Pharmacy. She is also a Board Certified Pharmacotherapy Specialist (BCPS) with Added Qualifications in Cardiology. Presently, Elizabeth serves on the Heart Failure Society of America – Early Career Committee, the Cardiovascular Team Section's Clinical Pharmacist Work Group for the American College of Cardiology, and the American College of Clinical Pharmacy Cardiology PRN Membership Committee. Beginning in April 2018, she will begin her three year term as a member of the NCDR's ACTION Registry Steering Committee.

Joan Michaels, MSN, RN, CPHQ, AACC

Ms. Michaels has been with the ACC for over nine years. She is the Product Manager for the STS/ACC TVT Registry. Ms. Michaels is a registered nurse with extensive experience working in the cardiovascular area. Prior to working at ACC, she held several management positions at Inova

Fairfax Hospital in Falls Church, Va. Most recently, she was the Director of the NIH Cath Lab at Suburban Hospital in Bethesda, Maryland. Ms. Michaels received her BSN from the University of Pennsylvania, Philadelphia, Pennsylvania and her MSN from The Catholic University of America, Washington, DC.

Julie Mobayed, MPH, BSN, RN

Julie joined the ACC in August 2014 as an Associate for the National Patient Navigator Program. Prior to her position at the ACC, Julie worked for a Quality Improvement Organization in West Virginia leading several quality improvement projects that focused on reducing unnecessary hospital readmissions and improving the transition from hospital to home for patients.

She started in the healthcare arena as a Registered Nurse specializing in cardiovascular critical care. Julie has over 20 years of medical and clinical trials management experience. Her career path led her to Cascara Inc., a 930-bed hospital system in which she was recruited to help in developing a centralized Clinical Trials Center. Ms. Mobayed acted as the Clinical Research Manager and successfully developed and managed the Trial center's million-dollar business.

Julie later co-founded Hyperion Clinical Research, LLC, and focused on project management where she designed project strategies, protocols, planned and developed project schedules and budgets and prepared and submitted major FDA regulatory documents.

Ms. Mobayed received her Bachelor of Science in nursing degree from Alderson-Broaddus College and a Master's degree in Public Health from The George Washington University.

Caroline B. Morgan, BSN, RN

Ms. Morgan has extensive experience in the management and care of patients with cardiac and peripheral vascular disease in both the ambulatory and hospital settings. Ms. Morgan attended Villanova University where she graduated with a Bachelor's of Science degree in Nursing. She worked in the catheterization laboratory for years and was instrumental in the development of the Electrophysiology and Peripheral Vascular Programs. Most recently before joining the ACC, Ms. Morgan was part of the team that merged Interventional Radiology and the Cath Lab into one department with an integrated, multidisciplinary staff. She is recently retired as an Associate Professor for Geneva College, Beaver Falls, PA. Currently Ms. Morgan works as the Product Manager for the ICD/AFib Ablation Registries for NCDR.

Keri Morris, BSN, RN, AACC, CCCC

Keri joined ACC in April 2012 serving as an Accreditation Review Specialist for both CPC Accreditation and Mission: Lifeline.® She became the Acute Coronary Syndrome (ACS) Service Line Specialist in 2015. Her knowledge and passion made her a natural fit for serving on the CPC v5 writing committee, leading the CPC v6 writing committee, serving as Cardiovascular Care Coordinator Certification C4 faculty, and teaching various workshops and webinars. Prior to joining us, she was a Chest Pain, Stroke, Induced Hypothermia Coordinator for several years leading her hospital to achieve CPC Accreditations as well as TJC AMI and Stroke Disease-Specific certifications. She developed and implemented a hypothermia protocol in use within their system hospitals. She graduated with honors from Union University with a BSN and will soon complete her MBA in Healthcare Management.

Issam Moussa, MD, MBA, FACC, FAHA, FSCAI

Dr. Issam D. Moussa is Professor of Medicine and Clinical Director of Cardiology at Rutgers Robert Wood Johnson Medical School.

Prior to joining Rutgers Robert Wood Johnson Medical School, Dr. Moussa served as Chief Medical Officer at the First Coast Cardiovascular Institute, Florida; Professor & Chair of the Division of Cardiovascular Diseases at Mayo Clinic, Florida; Director of Endovascular Service at the Divisions of Cardiology - New York Presbyterian Hospital at Columbia and Cornell Universities; and Director of Interventional Cardiology Research at Lenox Hill Heart & Vascular Institute in New York City. As an interventional cardiologist, Dr. Moussa specializes in performing catheter-based cardiovascular procedures in patients with complex coronary artery disease, structural heart disease, and peripheral arterial disease. Dr. Moussa has been a prolific clinical investigator, he has co-authored over 200 peer-reviewed articles in prominent medical journals and has participated in over 100 clinical trials. Dr. Moussa has held numerous leadership positions in the American Heart Association, the American College of Cardiology, and the Society of Cardiac Angiography and Intervention. He currently serves as Chair of the Steering Committee of the American College of Cardiology NCDR CathPCI Registry, and a member of the writing committee of the PCI guidelines and the PCI competency standards. Dr. Moussa completed his medical degree at the University of Damascus, Syria in 1987. He completed his Internal Medicine training at Georgetown University Medical Center, Washington DC; and the University of California, Irvine Medical Center. He completed his Cardiology Fellowship training at the University of California, Irvine Medical Center and Lenox Hill Heart and Vascular Institute, and completed his Interventional Cardiology training at Centro Cuore Columbus, Milan Italy and Lenox Hill Heart and Vascular Institute in New York City.

Brendan Mullen

Brendan Mullen is executive vice president of the American College of Cardiology. Mullen oversees communications, business development, marketing, digital and enterprise strategy, and international affairs.

Prior to his role in market strategy, Brendan was the senior director for the PINNACLE Registry, and originally joined the ACC in 2008 as its director of strategic planning. During his time at the ACC, Mullen has been involved in the conception and development of the College's positions and programs relating to health care reform, payment reform and quality improvement. Brendan has written on a broad range of topics in health care, but is most proud of the editorials and articles in the Annals of Internal Medicine and the Journal of the American College of Cardiology that he co-authored with ACC members. Prior to the ACC, Brendan worked for nearly 10 years as a consultant for the Advisory Board Company, a health care research and consulting firm largely focused on hospital and health system strategy and operations. He also served as vice president of Programs and Strategy at the National Quality Forum.

Melissa R. Nitta, MPH, BS, RN

Ms. Nitta joined ACC 4 years ago, and is a Clinical Quality Advisor supporting both the CathPCI Registry and IMPACT Registry.

She has over 30 years of nursing experience working in acute care facilities from Europe, the West Coast and most recently Hawaii, with a focus on Critical Care, Trauma and Quality Improvement. She served as a resource for data abstraction, and data analysis, as well as facilitating quality reviews and implementing performance improvement measures

William J. Oetgen, MD, MBA, FACC, FACP

William Oetgen is executive vice president of the ACC. As an ACC member, Oetgen served as chair of the NCDR® PINNACLE Registry Steering Committee and as co-chair of the College's Medical Professional Liability Working Group.

In addition to being an ACC staff member, Oetgen is a clinical professor of medicine at the Georgetown University School of Medicine. In 2005, he joined the Board of Directors of MedStar Health, Inc., a nine-hospital integrated health system in the Washington – Baltimore and in 2010 became chair of the MedStar Health Corporate Finance Committee.

Prior to joining the ACC, Oetgen spent time as chief of cardiology at Greater Southeast Community Hospital in Washington, DC. He then co-founded Maryland Health Care Associates, a multi-specialty medical practice and Apollo Medical Management Company, a management services organization in southern Maryland. Oetgen retired in 2010 after nearly 25 years of actively practicing cardiovascular medicine. At that time, Maryland HealthCare Associates had grown to more than 90 physicians.

Oetgen completed his internship and pediatrics residency at Walter Reed Army Medical Center in Washington, DC and later volunteered to serve at the U.S. Army Hospital in Seoul, Korea as an internist and flight surgeon. He was trained in adult cardiovascular disease at Walter Reed and there served as the director of the coronary care unit. His active duty Army service as assistant chief of the cardiology service ended in 1986 at which time he began private practice.

In 1999, Oetgen retired as a colonel in the medical corps of the U.S. Army Reserve.

He co-edited *Governance for Health Care Providers: The Call to Leadership*, a 2008 published primer on non-profit governance issues for health care professionals. Oetgen has authored or co-authored more than 50 pieces that have been published in peer-reviewed medical literature.

Oetgen earned a Bachelor of Arts degree in psychology from Marquette University in Milwaukee, Wisconsin and received his medical degree *cum laude* from Saint Louis University School of Medicine. He is a member of both Alpha Sigma Nu, the Jesuit national honor society, and Alpha Omega Alpha, the medical national honor society. Oetgen continued his education in 1996 with a Master of Business Administration degree from Georgetown University and later in 2001 with a Bachelor of Science degree in accounting from the University of Maryland University College.

Christine Perez, JD

Christine Perez is the Associate Director of Medicare Payment & Quality Policy for the American College of Cardiology. She leads the College's advocacy work on Medicare physician and hospital payment policies and their alignment with quality reporting and value-based performance initiatives. Prior to joining the ACC, Christine managed federal government relations activities for professional associations in SmithBucklin Corporation's healthcare business unit where her clients included the American Urogynecologic Society, the National Society of Genetic Counselors, and the National Association Medical Staff Services. Most recently, she served as a Director at ADVI, where she advised trade associations and medical device and pharmaceutical companies on coverage, coding, and reimbursement policy and strategy.

Christine received a B.A. in Government and Politics from the University of Maryland, College Park and J.D. from The Catholic University of America Columbus School of Law in Washington, DC, where she served as an Associate Editor to *The Journal of Contemporary Health Law and Policy*. She is admitted to the bar of the state of Maryland.

Estaban Perla, MPH

Mr. Perla manages the clinical measurement team who works on the clinical and scientific content development of data collection tools and outcome reports used in the National Cardiovascular Data Register (NCDR). He joined the NCDR team in 2017 but started at the American College of Cardiology in 2015, serving as the Science & Quality staff lead responsible for developing and launching a quality improvement collaborative for the Adult Congenital and Pediatric Cardiology Section of the College. Mr. Perla worked previously as a Senior Health Care Analyst for performance measurement maintenance and development at the National Committee for Quality Assurance (NCQA). Prior to his positions in healthcare quality improvement in Washington D.C., he worked at two different HIV/AIDS Non-profit organizations on clinical research teams and direct client services in Philadelphia and New York. Mr. Perla earned his biology degree from Bucknell University and Masters in Public Health from Columbia University.

Rosa Pinckney, BS

Rosa Pinckney, is a Data Coordinator for the Heart Valve Clinic at the Hospital of the University of Pennsylvania. Rosa has been employed with Penn Medicine for five years. She graduated from Palm Beach Atlantic University with a Bachelor's of Science degree in Biology/ Chemistry and has worked in a multidisciplinary setting for seventeen years. She is currently working on completing her Master's of Science Degree in HealthCare Administration with a concentration of Health Law later this year. Born and raised in Philadelphia, Rosa currently resides in New Jersey with her eighteen-year-old daughter and her two dogs.

Denise M. Pond, BSN, RN

Mrs. Pond joined the ACC six years ago and is a clinical quality advisor for the ICD, LAAO and ACTION Registries. She spent many years as a critical care nurse and educator in a 300 bed acute care hospital located in the suburbs of Washington, DC. Her most recent position at that organization was a Research Coordinator for multiple studies. She received her nursing degree from University of Maryland, where she became a member of Phi Kappa Phi, the National Honor Society.

Andrea Price, MS, RCIS, CCA

Andrea Price's career with Indiana University Health began in 2001. During her ten years in the clinical area, Andrea gained experience in both invasive and non-invasive cardiology. In 2011, Andrea moved into the quality arena as the CathPCI Registry Data Coordinator. Since then, she has held various leadership roles, most recently as the Director of Quality Databases for the Indiana University Health System Quality & Safety Department. She facilitates intra-disciplinary teams to improve patient outcomes through structured reporting, process improvement and resource tool development. Her system project, for Risk Adjusted Bleeding, was recognized at NCDR.14 with the People's Choice Award.

Andrea earned her Bachelor's degree in Exercise Science and a Master's degree in Human Resource Development both from Indiana State University. She is an active member of the American College of Cardiology (ACC), is certified as a Lean Six Sigma Black Belt, and is a Registered Cardiovascular Invasive Specialist. Beginning April 2015, she began her three year term as a member of the NCDR's CathPCI Steering committee for the ACC, with reappointment in 2018. In April 2017, she began a committee three year appointment as a CVT Member of the Cardiovascular Team Section Leadership Council, with involvement in membership recruitment and CVT Team web

page development. In April 2018, Andrea accepted a three year ACC committee member appointments for the Science and Quality Committee, as well as the Informatics and Health Information Technology (IHIT) Task Force.

Beth Pruski, MSN, RN, CPHQ

Ms. Pruski joined the NCDR team in 2013 as Product Manager for the ACTION Registry. She has extensive cardiac nursing, education and management experience from Washington Hospital Center in Washington, DC and community hospitals in Maryland. Just prior to joining the ACC, Ms. Pruski worked as a Nursing Director of a combined Intensive Care Unit and Coronary Care Unit, where she collaborated with the care team on numerous quality improvement (QI) initiatives, including with the STEMI QI committee for the hospital. Ms. Pruski recently co-authored a chapter titled, "Management of Patients with Dysrhythmias and Conduction Problems", which was published in December 2017 in Brunner & Suddarth's Textbook of Medical-Surgical Nursing, 13th edition.

Ms. Pruski holds a Bachelor of Science in Nursing from Boston College and her Master of Science in Nursing from The Catholic University of America in Washington, DC. She received her designation as an Associate of the American College of Cardiology (AACC) in 2017.

Susan Rogers, RN

Susan joined the ACC 2009 as the Program Manager of the ACTION Registry. In 2013 She moved into the role of Team Leader for the ACC National Quality Campaigns, leading the National roll out of the Patient Navigator Program.

Susan has 24 years of hospital and leadership experience in the Cardiac Critical Care arena at INOVA Fairfax Hospital. Prior to her position at the ACC Susan served as critical care nurse in the Cardiac ICU before moving into supervisory roles. Susan was responsible for the development and implementation of the Chest Pain Observation Unit, and the development of quality improvement indicatives involving the care of the STEMI and NSTEMI patient populations. She holds her RN Diploma from Norfolk General School of Professional Nursing and both a Bachelor's degree in Nursing and a Master's Degree in Nursing Administration from George Mason University in Fairfax, Virginia.

Elizabeth (Tess) Saarel, MD, FACC

Dr. Saarel is a pediatric and congenital cardiologist at Cleveland Clinic and Cleveland Clinic Children's where she has served as Chair of Pediatric Cardiology since 2015. She is a Professor of Pediatrics at the Cleveland Clinic Lerner College of Medicine at Case Western University and the Ronald and Helen Ross Distinguished Chair holder in Pediatric Cardiology. She completed her undergraduate degree at Princeton University and medical degree at the University of California, Los Angeles, David Geffen School of Medicine. Her postgraduate medical training was at Rainbow Babies and Children's Hospital, Case Western Reserve University School of Medicine, for Pediatrics and Mott Children's Hospital, University of Michigan School of Medicine for Pediatric Cardiology and Electrophysiology. Her primary interest is in electrophysiology and cardiac care for children and adults with congenital heart disease. She is the co-Chair of the Quality Committee for the Pediatric and Congenital Electrophysiology Society (PACES). She joined the leadership team for the IMPACT Registry in 2013 with the inception of the cardiac ablation module. Dr. Saarel is a member of the Executive Committees for the Council on Quality Improvement and Patient Safety and the Section on Cardiology and Cardiac Surgery at the American Academy of Pediatrics. She is a member of the ACC Adult Congenital and Pediatric Cardiology (ACPC) Council and member of the leadership team

for the Prevention of Sudden Cardiac Death in the Young Task Force for the Cardiac Safety Research Consortium. She is interested in providing the highest value heart care for children and for adults with congenital heart disease by focusing on measurable quality, safety and continuous improvement.

Kendrick A. Shunk, MD, PhD, FAHA, FACC, FSCAI

Dr. Kendrick Shunk is Associate Professor of Medicine in the Division of Cardiology and Director of Interventional Cardiology and Catheterization Laboratory Research at San Francisco VA Medical Center. His primary research interests are in atherosclerotic plaque imaging and Interventional Cardiology clinical trials. He is a previous Samuel A. Levine Young Clinical Investigator (AHA), and developed a novel technique for assessment of the aorta and its atherosclerotic plaques by Transesophageal Magnetic Resonance Imaging. A related research goal and interest is integration, co-registration and co-display of multi-modality image information for assessing and treating cardiovascular disease in real time. Dr. Shunk is involved in various multi-center clinical trials of devices/strategies in the cardiac cath lab including a multi-center VA study for which he maintains the core angiography laboratory. He is also actively involved in the ACC-NCDR Research and Publications committee and supports projects that take advantage of that resource.

Michael Simanowith, MD

With training in medicine and engineering, Mr. Simanowith came to the American College of Cardiology in 2010 as an IT systems analyst for National Cardiovascular Data Registry (NCDR) projects. He was the lead analyst on several registries including PINNACLE and the initial launch of the IMPACT congenital treatment registry.

Michael transitioned to the clinical science staff in 2013 to manage the implementation of ACC's Public Reporting program which provides patients with key quality information on over 500 US hospitals performing percutaneous coronary intervention and/or implantation of cardioverter defibrillators. In this capacity he also led the initiative to match ACTION and CathPCI clinical data to the CDC National Death Index for the primary purpose of reporting post-hospitalization mortality metrics (such as AMI 30 Day Mortality).

Michael has recently assumed leadership of the NCDR Science Development & Implementation teams. In this role he is responsible for leading ACC staff working directly with physician leaders in the development of all registry datasets and metrics as well as the scientific support of NCDR data collection and reporting systems with a particular focus on facilitating registry-EHR integration.

Lara Slattery, MPH

Lara is currently Vice President for Clinical Registry and Accreditation at the American College of Cardiology. Her NCDR registry responsibilities include oversight for development of clinical data capture pathways and measure reporting feedback mechanism to clinicians, hospitals, and practices as well as key stakeholders such as payers, government agencies, states and regional organizations, and health systems. This area has expanded to include voluntary public reporting by hospitals. In addition, she works with the team overseeing the research and publications process for the NCDR, including managing partnerships with numerous external globally recognized academic research centers. Her accreditation role includes oversight for development of guidelines-based criteria for hospital cardiovascular accreditations, designation reviews by experienced CV professional field staff, and tactical alignment of accreditation recognition by key stakeholders such as state government agencies, regional municipalities, and private sector organizations.

She joined the ACC in 2003. She has over 20 years of experience working for various health-related organizations at the national level, including maternal/child and women's health and mental health. Lara received her master's in health sciences from Johns Hopkins University.

Daniela Smith, BSc

Daniela Smith is the Creative Director for the Creative & Branding team at the American College of Cardiology. Responsible for translating the College's mission and vision to powerful visual strategy to engage its more than 52,000 members through all touch points, she has extensive experience with national and international level integrated promotional and marketing campaigns as well as multiple successful case studies on information design.

Daniela has won multiple national level accolades throughout her career, including Communicator, Graphic Design USA, GDUSA InHouse, Telly and Davey Awards as well as international recognition such as multiple medals at the Latin American Design Festival in Gramado, work published in HOW magazine and served as a juror at the Brazilian Association of Direct Marketing Award Show.

Kendra M. Smith, RN, MSN, RCIS

Kendra Smith is a Vascular Care Coordinator who works at Dixie Regional Medical Center, which is part of Intermountain Healthcare. Kendra started working at DRMC in 1999 as a Certified Nursing Assistant. She received her Associate Degree of Nursing at Dixie State University in 2002, Bachelor of Science in Nursing from Weber State University in 2004, and her Master of Science in Nursing from University of Phoenix in 2009. Kendra found her dream job working in the cardiac cath lab in 2003 and has had many opportunities come from that career choice. She is currently the RSM for the PVI registry and recently started data abstraction for CathPCI.

Kendra lives in Saint George, UT. She married her best friend, Steve Smith, in 2007. They have one daughter together, Rylan Aleen Smith, who is 9. They have their hands full between their daughter, Great Dane, and two cats.

Erin M. Spinner, PhD

A founding member of the advanced imaging lab for the Edwards TAVR program, Erin supports field training for SAPIEN 3 cases through CT and echo imaging. Erin and her team review complex cases, while providing input to the field for MViV implantation. Her team also provides imaging education to physicians and on site hospital staff.

Before starting the TAVR imaging lab, Erin was involved in the initial design, development and patient testing of a tricuspid repair device at Edwards, now known as FORMA.

Erin received her PhD in Biomedical Engineering from the Georgia Institute of Technology and Emory University where her focus was heart valve mechanics. She collaborated with physicians on the use of new imaging techniques to better understand valve disease.

She serves on the International Standards Organization board overseeing development standards for heart valves devices. Erin has always had a passion for structural heart and advanced imaging techniques.

Liza St. Clair, MS, BSN, RN, CPHQ

Ms. St. Clair joined the ACC as a Clinical Quality Advisor in June, 2014. She provides customer support to participating sites of the STS/ACC TVT Registry. After graduating with a Bachelor's degree in nursing from the University of Virginia, she began her career as a cardiology nurse working in the PCCU and CCU. Shortly thereafter, she served as a Department of Defense contractor for TRICARE Management Activity to support clinical quality and patient safety programs. After she obtained a Master's Degree in Health Systems Management from George Mason University, Ms. St. Clair became a Cardiology Quality Consultant at Inova, a hospital system serving the Northern Virginia area. During her tenure at Inova, she applied her skills to maintain CMS and JCAHO certifications; facilitate physician peer review groups; collect and analyze hospital performance measures; and implement multiple performance improvement initiatives. She also successfully facilitated the achievement of AACN Beacon awards for the cardiology ICUs and was designated as the Heart Failure Coordinator to implement a program that achieved Joint Commission Disease specific certification. Ms. St. Clair has shared her tremendous wealth of knowledge and experience by mentoring graduate students and nurses visiting from China as well as been invited as a guest lecturer in China to discuss clinical quality, patient safety and outcomes.

Victoria Sullivan, MS, BS, RN

A registered Nurse (RN) by training Victoria Sullivan MA, BS, RN began her career as a staff RN advancing to the ICU, Cath Lab, ER, PACU and OR at St. Joseph Hospital, Pontiac, Michigan and then Munson Medical Center in Traverse City, Michigan. While living in Traverse City, Michigan she completed her BS in Business Administration in Health Care and her Master's Degree in Organizational Management from Spring Arbor University. She then became a traveling nurse traveling throughout the nation (San Francisco, LA, San Diego, Miami, and Boston just to mention just a few). Returning to Michigan to be the Manager of U of M CVICU at Crittenton Hospital, Rochester, Michigan. She has held the administrative positions as the Administration Manager for the Neuro Program at Beaumont in Royal Oak, Michigan. Director of Cardiology at Scripps Hospital in LaJolla, California. Director of ED, ICU and Cath lab at McLaren Hospital in Lansing, Michigan. She is presently at Henry Ford Hospital in Detroit, Michigan in the Structural Heart Department in Clinical Data, Quality and Registry.

Jeanine Swope, BSN, RN

Ms. Swope attended Research College of Nursing and Rockhurst University where she graduated with a Bachelor of Science degree in Nursing. She has 33 years of experience, with an emphasis in Cardiology.

She has extensive clinical experience with a focus on Electrophysiology Nursing, working primarily in the ambulatory setting. She spent years honing her skills as a device trained nurse. She worked closely with the electrophysiology team, taking part in atrial fib management, device management, research and publication. She was instrumental in the startup of the LAAO and ICD non-conditional MRI programs.

Currently Ms. Swope is a Quality Outcomes Coordinator at the University of Kansas Health System. She is the Registry Site Manager for LAAO and Afib Ablation NCDR registries, as well as a 9-year internal Afib ablation registry, that includes extensive outcome and follow up data.

Regina Tatman, BSN, RN

Gina was born and raised in the Buckeye state. O-H-I-O for all you Ohio State fans. Gina completed her BSN from Ohio University and is currently pursuing a Master's of Science in Nursing in the Family Nurse Practitioner program at Cedarville University. Her nursing career has mostly centered around cardiology and electrophysiology. Gina currently works with the AFib registry for Kettering Health Network in Kettering, Ohio. Prior to working with the registry, she worked in the Kettering Medical Center electrophysiology lab for 6 years, working mostly with radiofrequency ablations, some stereotaxis, and many cryoablations. She and her husband are new "empty nesters" with two grown boys. She is an avid dog lover and has a two-year-old French bulldog that is one of the loves of her life. In her free time, she enjoys spinning at the gym and outdoor bicycle trips with her husband.

Judy E. Tingley, DNP, MPH, RN, AACC

Dr. Judy E. Tingley is the Vice President and Chief Executive Officer of Erlanger Health System's Heart & Lung Institute. In this role, she uses her administrative, strategic planning and program development experience in order to develop World Class Cardiothoracic care in Southern Tennessee. Prior to joining Erlanger, Dr. Tingley was the Chief Operating Officer (COO) of Columbia HeartSource, a cardiovascular healthcare quality-consulting group at Columbia University Medical Center in New York, New York. As the nurse administrator for the group, Dr. Tingley applied her expansive expertise in cardiology, cardiac surgery, quality improvement, and data management to support clinical education and performance improvement initiatives throughout the network of Columbia HeartSource affiliate hospitals. She was the founding chair of the NYS Adult Cardiac Surgery Data Management Workgroup, participates in numerous committees for the American College of Cardiology as well as the Society of Thoracic Surgeons. As a strategic planning, team building, nurse leader who develops solutions to today's ever-changing healthcare challenges her research interests include healthcare organizational readiness for change and its impact on translating evidence into practice.

Thomas T. Tsai, MD, MSc, FACC

Dr. Tsai is an Interventional Cardiologist with Kaiser Permanente in Denver, a Clinical Associate Professor of Medicine at the University of Colorado Denver, School of Medicine, Chair of CV System Quality for the SCL Health system and steering committee chair of the NCDR PVI Registry. He completed his undergraduate work, MD and MSc at the University Michigan in Ann Arbor. Dr. Tsai received his medical training at the University of Michigan Hospitals and is Board Certified in Internal Medicine, Cardiovascular Diseases, Interventional Cardiology and Vascular Medicine-Endovascular. He enjoys taking care of patients with complex coronary and peripheral arterial disease with a special interest in patients with coronary chronic total occlusions and patients with critical limb ischemia. He also enjoys working on ways to improve CV quality at the hospital and system level.

C. Michael Valentine, MD, FACC

President-Elect, American College of Cardiology

C. Michael Valentine, MD, FACC, is an interventional cardiologist at Centra Health in Lynchburg, VA. He is a graduate of the University of Georgia, where he was named the outstanding senior, as well as the University of Virginia School of Medicine. He completed his medicine and cardiology training at Emory University in Atlanta, GA. Valentine has served the College in many roles, including ACC Treasurer and Secretary, as well as chair of the ACC Board of Governors, and governor of ACC's Virginia Chapter.

He was co-chair of the ACC Advocacy Committee and served on the task force to develop the Cardiac Cath Lab Quality Tool Kit. He chaired the ACC Medical Directors Institute, promoting collaboration between payers and physicians and developing the concept of appropriate use. He has served as co-chair of the College's annual Cardiovascular Summit for many years and will continue as ACC Vice President for the 2017-2018 term. He is married to Shannon Valentine, a former member of the Virginia House of Delegates, and has three college-aged children.

Dr. Valentine is board certified in cardiovascular disease and interventional cardiology. He graduated from the University of Virginia Medical School. He served his internship, residency and cardiology fellowship at Emory University. Dr. Valentine has special training and interest in pacing, electrophysiology and interventional cardiology.

Candance Van Vleet, DHA, NRP, RN

Candi Van Vleet, DHA, NRP, RN, Associate Clinical Director of the Duke Heart Network provides cardiovascular emergency care expertise to numerous hospitals and EMS agencies.

Dr. Van Vleet's professional career includes experience as a paramedic field training officer, cardiothoracic and trauma intensive care nurse, flight nurse, and emergency department nurse manager. As a Six Sigma Black Belt, she is regularly integrating her clinical expertise with quality improvement initiatives to improve patient care. Her recent work includes connecting prehospital performance and hospital outcomes in order to decrease first medical contact to device times for ST elevation myocardial infarction patients.

Dr. Van Vleet is a graduate of the Medical University of South Carolina where she received a Doctor of Health Administration. She received a Master in Business Administration from Elon University, Bachelor of Science in Nursing at Winston-Salem State University and a Bachelor of Science in emergency medical care from Western Carolina University.

Paul D. Varosy, MD, FACC, FAHA, FHRS

Dr. Varosy is the director of cardiac electrophysiology in the Department of Veterans Affairs (VA) Eastern Colorado Health Care System and Associate Professor of Medicine at the University of Colorado. His interests focus on measurement and improvement of quality of care among patients with heart rhythm disorders and arrhythmia devices. He was a recipient of a Research Career Development Award from the VA Office of Health Services Research and Development (VA HSR&D) evaluating real-world outcomes among veterans with implantable cardioverter defibrillators (ICDs). The product of this effort was the establishment of the Outcomes among Veterans with Implantable Defibrillators (OVID) Registry. He serves in several leadership roles at the National Cardiovascular Data Registry (NCDR), the Heart Rhythm Society, the American College of Cardiology, and the American Heart Association focused on performance measures development, health policy, and quality improvement. Most recently, he led the data collection form development of NCDR's AFib Ablation and Left Atrial Appendage Occlusion Registries, and he chairs the LAAO Registry Steering Committee. Dr. Varosy resides in Centennial, CO, a suburb of Denver, with his wife and three children.

Kristi L. Verchelden, BSN, RN

Among Ms. Verschelden's many career accomplishments, it is most noteworthy for the NCDR.2018 audience to appreciate that she has co-authored a total of ten (10) posters for NCDR annual meetings dating back to 2011. A champion of internal process improvement, Ms. Verschelden has

been at The Heart Hospital Baylor Plano for the past eleven (11) years. In her current position as Data Team Supervisor, she is primarily responsible for supporting registry productivity and outcomes validation. Her experience includes abstracting, analyzing, reporting and facilitating continuous quality improvement for the ACTION Registry[®], CathPCI Registry[®], ICD Registry[™], LAAO Registry[™] and STS/ACC-TVT Registry[™]. Ms. Verschelden has a Bachelor of Science in Nursing from The University of Texas at Arlington.

Robert Vincent MD, CM, FACC, FSCAI

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, Montreal Canada, pediatric residency at Montreal Children's Hospital and cardiology fellowship at Boston Children's Hospital. He has been a member of the 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 of this committee since 2014.

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

Leslie Wacker

Leslie Wacker is a data analyst with the Department of Cardiac Surgery at C.S. Mott Children's Hospital. She has worked with multiple congenital heart databases including STS and IMPACT for the past 5 years and has experience with data abstraction, entry, and auditing, as well as QA/QI and research projects. Leslie served on the NCDR.18 planning committee and is a member of the newly formed IMPACT Registry CORE Group where she serves as Data Engineer.

Thad Waites, MD, FACC

Dr. Waites is a graduate of Mississippi College and University of Mississippi Medical Center. He trained at University of Colorado and Emory University. He works as an interventional cardiologist in Hattiesburg, MS. In ACC, he was on the Board of Trustees and was Chairman of the Board of Governors. He was also on the NCDR Management Board. He is now Chair of the Health Affairs Committee and is a member of the ACC's Advisory Committee to the RUC. He is a Member and Vice Chair of the MS State Board of Health. At Forrest General Hospital, he is Chair of the Graduate Medical Education Committee.

Lindsay Werner, BS

Lindsay Werner is a highly experienced healthcare project leader and subject matter expert for healthcare administration process improvement. She has had seven years of cross-discipline experience as a Unit Clerk, a Medical Record Data Abstractor and Team Lead, a Junior Application Trainer, and an Activities Director. For over three years she has been a Data Analyst at Saint Joseph Mercy Hospital in Ann Arbor, Michigan, where she is responsible for abstracting, reviewing and entering data into the NCDR Registry. She also provides data reports for quality improvement and designs quality improvement projects. Ms. Werner received a Bachelor of Science degree in Health Administration in 2010 from Eastern Michigan University.

Samantha S. Wood, MBA, BSN, RN, CCRN-L

Ms. Wood is a registered nurse with 20 years of extensive experience in cardiovascular leadership and administration. Prior to transitioning to her new role as Director of Clinical Accreditation for West Florida Division, Hospital Corporation of America (HCA), she was the Vice President for Cardiovascular Services at Oak Hill Hospital in Brooksville, Florida. In this role, she oversaw all aspects of critical care in the cardiovascular arena, including the development and implementation of quality improvement processes for clinical outcomes and compliance with regulatory agencies. In her current role, as Director of Clinical Accreditation, she is responsible for the oversight of all Cardiac Service Line registries inclusive within National Cardiovascular Data Registry (NCDR) and Society of Thoracic Surgery (STS). She develops, implements, and manages the quality Process Improvement plans to impact executive summary metrics for each registry for the entire West Florida Division of HCA which encompasses sixteen facilities.

Samantha received her diploma in nursing from the School of Nursing at DePaul Medical Center. She completed her undergraduate at the Medical College of Virginia and her Master in Business Administration at the University of South Florida. Samantha's clinical background is Open Heart but found her passion in analytics.

Betsy E. Wymer, MSN, BSN, RN, RN-BC

Mrs. Wymer began her career with ACC as a Clinical Quality Advisor for the PVI and CathPCI Registries in July 2015. She transitioned into her current role, Product Manager for the PVI Registry, in April 2017. After graduating from Kennesaw State University in Georgia, she began her nursing career as a cardiology nurse working in CCU. Shortly thereafter, she and her family relocated to the DC area where she worked at The George Washington Hospital as the Assistant Manager for CCU and Telemetry services. Mrs. Wymer and her family then moved to the beautiful equestrian countryside of Virginia where she joined the Inova Healthcare System in Interventional Radiology and Cardiac Catheterization Lab. Mrs. Wymer was fortunate enough to be a recipient of The Inova Loudoun Nurse of the Year in 2009 and 2014. She was also the first nurse recipient of the Tim Raabe Award. She developed and directed the Peripheral Arterial Disease Clinic in Interventional Radiology for three years prior to joining the ACC. She was instrumental in developing and implementing various policies and protocols for Interventional Radiology and Cardiac Catheterization Labs. She is currently enrolled in graduate school, Chamberlain College of Nursing, focusing on her Doctorate of Nursing Practice, Healthcare Systems Leadership Specialty Track.

Michelle Zacaria-Antiporda BA, LVN

Ms. Antiporda is a Senior Clinical Data Analyst at Keck Medical Center of USC, Los Angeles, CA. She received a Bachelor of Arts degree in Communication Arts from De La Salle University, Philippines and received a Licensed Vocational Nurse degree from Glendale Career College. She has held numerous data abstraction, data mining and process improvement projects. Currently, the Lead Quality Analyst overseeing day-to-day operations of data abstractors.