

Advancing Diagnostic Excellence: A Workshop Series

Committee

Derek C. Angus

Co-Chair

Derek C. Angus, MD, MPH, FRCP, FCCM, FCCP, is Chair of the Department of Critical Care Medicine of both the University of Pittsburgh School of Medicine and the UPMC Healthcare System. At the University, he holds the rank of Distinguished Professor and the Mitchell P. Fink Endowed Chair in Critical Care Medicine with secondary appointments in Medicine, Health Policy and Management, and Clinical and Translational Science and he directs the CRISMA (Clinical Research, Investigation, and Systems Modeling of Acute Illnesses) Center. He also co-directs the UPMC ICU Service Center, responsible for the provision of ICU services across the 20-plus hospital system.

Upon completing his undergraduate studies at the University of Glasgow School of Medicine, Glasgow, United Kingdom, Dr. Angus completed his intern and residency training at the Western Infirmary and the Southern General Hospital in Glasgow. He then traveled to the U.S. and obtained his MPH from the University of Pittsburgh Graduate School of Public Health. During this time he was a Fellow of Critical Care Medicine, a Research Fellow, and a Research Fellow in Disaster and Emergency Medicine at the University of Pittsburgh.

Dr. Angus' research interests include clinical, epidemiologic, and translational studies of sepsis, pneumonia, and multisystem organ failure and health services research of the organization and delivery of critical care services. Dr. Angus has led several large NIH-funded multicenter studies in the critically ill, the most recent of which is ProCESS (Protocolized Care for Early Septic Shock), a 40-center study focusing on how to best provide early resuscitation for septic shock. Dr. Angus has published several hundred papers, reviews and book chapters, and is currently section editor for "Caring for the Critically Ill" for JAMA. He is the recipient of numerous awards, including the Presidential Citation Award of the Society of Critical Care Medicine (1999, 2004-2006, 2008, 2011, 2013), the Master of Critical Care Medicine from the American College of Critical Care Medicine (2012), Best Doctors of America (2005-present), and the Best Doctors in Pittsburgh (2012-present), Top 10 Outstanding Clinical Research Achievements from the Clinical Research Forum (2015), and an Honorary Member of the European Society of Intensive Care Medicine (2015). Dr. Angus is a member of the Society of Critical Care Medicine, the American College of Chest Physicians, the American Thoracic Society, the Association for Health Services Research, the European Society of Intensive Care Medicine, and the American College of Critical Care Medicine.

Derek has served on the Sepsis and Diagnostic Lessons Learned from COVID Workshops.

Andrew B. Bindman

Co-Chair

Andrew Bindman, MD (Chair), is a Professor of Medicine, Epidemiology & Biostatistics, and a core faculty member within the Philip R. Lee Institute for Health Policy Studies at the University of California, San Francisco. He is a primary care physician with federal and state health policy experience who has practiced and taught clinical medicine at Zuckerberg San Francisco General Hospital for over 30 years while also conducting health services research to improve access to high quality health care. Dr. Bindman is a leading national voice on primary care, the health care safety net, and population health. He was appointed as the Director for the Agency for Healthcare Research and Quality (AHRQ) within the US Department of Health and Human Services in 2016 and he served in that role until the end of the Obama administration. He currently serves as the co-editor in chief of the journal, Health Services Research. Dr. Bindman was elected to the National Academy of Medicine in 2015.

Andy has served on the Sepsis, Cardiovascular Events, and Cancer, and Diagnostic Lessons Learned from COVID Workshops.

Amesh A. Adalja

Member

Amesh A. Adalja M.D. FIDSA FACP FACEP, is a senior scholar at the Johns Hopkins Center for Health Security and a practicing infectious disease, critical care, and emergency medicine in Pittsburgh. His work is focused on emerging infectious disease, pandemic preparedness, and biosecurity. He is a fellow of the Infectious Diseases Society of America, the American College of Physicians, and the American College of Emergency Physicians. He holds an undergraduate degree from Carnegie Mellon University and a medical degree from the American University of the Caribbean. He completed a combined residency in internal and emergency medicine at Allegheny General Hospital followed by fellowships in infectious diseases and critical care medicine at the University of Pittsburgh.

Amesh has served on the Diagnostic Lessons Learned from COVID Workshop.

Suzanne Bakken

Member

Suzanne Bakken, RN, PhD, FAAN, FACMI, is the Alumni Professor of Nursing and Professor of Biomedical Informatics at Columbia University. Following doctoral study in nursing at the University of California, San Francisco, she completed a National Library of Medicine postdoctoral fellowship in Medical Informatics at Stanford University. The goal of Dr. Bakken's program of research is to promote health and reduce health disparities in underserved populations through application of innovative informatics methods. A major focus of her current grant portfolio is visualization of healthcare data for community members, patients, clinicians, and community-based organizations including the creation of a visualization toolbox to address COVID-19 testing and vaccine uptake. Dr. Bakken currently directs the Precision in Symptom Self-Management Center and the Reducing Health Disparities Through Informatics (RHeaDI) predoctoral and postdoctoral training program; both funded by the National Institute of Nursing Research (NINR). She also served as Principal Investigator of the AHRQ-funded Washington Heights Inwood Informatics Infrastructure for Comparative Effectiveness Research (WICER) and its follow-up study, WICER 4 U, which is focused on promoting the use of WICER infrastructure through stakeholder engagement. She has also received funding from the National Cancer Institute, National Library of Medicine, and the Health Resources and Services Administration. Dr. Bakken has published more than 300 peer-reviewed papers. In 2010, she received the Pathfinder Award from the Friends of the National Institute of Nursing Research. In 2019, she received the Francois Gremy Award from the International Medical Informatics Association. She is an elected fellow of the New York Academy of Medicine, American Academy of Nursing, American College of Medical Informatics, and a member of the Institute of Medicine (now National Academy of Medicine).

Suzanne has served on the Diagnostic Lessons Learned from COVID Workshop.

Kirsten Bibbins-Domingo

Member

Kirsten Bibbins-Domingo, PhD, MD, MAS is the Professor and Chair of the Department of Epidemiology and Biostatistics, and the Lee Goldman, MD Endowed Chair and Professor of Medicine at the University of California, San Francisco. She is the inaugural Vice Dean for Population Health and Health Equity in the UCSF School of Medicine. She co-founded the UCSF Center for Vulnerable Populations at Zuckerberg San Francisco General Hospital that focuses on actionable research to increase health equity and reduce health disparities in at-risk communities. She is one of the Principal Investigators for the UCSF Clinical and Translational Sciences Institute, and she leads the newly launched UCSF COVID Community Public Health Initiative.

Dr. Bibbins-Domingo is a general internist and cardiovascular epidemiologist whose scholarship includes observational epidemiology, pragmatic trials, and simulation modeling in cardiovascular disease prevention. She leads the UCSF Cardiovascular Disease Policy Model group that uses simulation modeling to examine the effectiveness and cost-effectiveness of clinical and public health approaches to cardiovascular disease prevention in the US population and in population sub-groups. She previously served on and led the US Preventive Services Task Force from 2010-2017. She is an inducted member of the American Society for Clinical Investigation, the Association of American Physicians, and the National Academy of Medicine.

Kirstin has served on the Cardiovascular Events Workshop.

Pascale Carayon

Member

Pascale Carayon, MD, PhD, is the Leon and Elizabeth Janssen Professor in Engineering, Director of the Center for Quality and Productivity Improvement, Founding Director of the Wisconsin Institute for Healthcare Systems Engineering and leader of the interdisciplinary Systems Engineering Initiative for Patient Safety at the University of Wisconsin-Madison, USA. She received her Engineer diploma from the Ecole Centrale de Paris, France, and her PhD in Industrial Engineering from the University of Wisconsin-Madison. She has three decades of research experience analyzing, designing and improving complex work systems such as those in healthcare. In the last 20 years, her research has focused on patient safety and healthcare issues such as design of health information technologies. As an industrial and systems engineer, she is renowned for her groundbreaking contributions in modeling complex system interactions in healthcare processes that influence patient safety and other outcomes for patients and healthcare professionals. She is a Fellow of the Human Factors and Ergonomics Society and Fellow of the International Ergonomics Association. In 2016, she received the John M. Eisenberg Patient Safety and Quality Award for Individual Achievement. Since 2015, Becker's Hospital Review has selected her yearly as one of 50 experts leading the field of patient safety.

Pascale has served on the Sepsis, Cardiovascular Events, and Cancer Diagnosis Workshops.

Robert W. Carlson

Member

Robert W. Carlson, MD, is the Chief Executive Officer at the National Comprehensive Cancer Network (NCCN). He joined NCCN as CEO in January 2013 following an esteemed history of leadership positions within the organization including, most notably, Representative to the NCCN Board of Directors, Chair of the Breast Cancer Guidelines Panel, Member and Founding Chair of the Breast Cancer Risk Reduction Guidelines Panel, and Chair of the Survivorship Guidelines Panel.

Prior to his appointment as CEO at NCCN, Dr. Carlson served as Professor of Medicine in the Division of Oncology and Stanford Medical Informatics at Stanford University Medical Center, as well as Medical Director of inpatient oncology and hematology at Stanford Cancer Institute in Stanford, California.

Dr. Carlson is a graduate of Stanford University Medical School, and he completed his internship and junior residency in internal medicine at Barnes Hospital Group in St. Louis, Missouri before returning to Stanford University to complete his senior residency. He earned a Bachelor of Science with distinction from Stanford University, specializing in biological sciences. Dr. Carlson is board certified in Medical Oncology and Internal Medicine.

Robert has served on the Cancer Diagnosis Workshop.

Gari Clifford

Member

Gari Clifford, DPhil, is a tenured Professor of Biomedical Informatics and Biomedical Engineering at Emory University and the Georgia Institute of Technology, and the Chair of the Department of Biomedical Informatics (BMI) at Emory. His research focuses on the application of signal processing and machine learning to medicine to classify, track and predict health and illness. His focus research areas include critical care, digital psychiatry, global health, mHealth, neuroinformatics and perinatal health. After training in Theoretical Physics, he transitioned to AI and Engineering for his doctorate (DPhil) at the University of Oxford in the 1990's. He subsequently joined MIT as a postdoctoral fellow, then Principal Research Scientist where he managed the creation of the MIMIC II database, the largest open access critical care database in the world. He later returned as an Associate Professor of Biomedical Engineering to Oxford, where he helped found its Sleep & Circadian Neuroscience Institute and served as Director of the Centre for Doctoral Training in Healthcare Innovation at the Oxford Institute of Biomedical Engineering. As Chair, Dr Clifford has established BMI as a leading center for critical care and mHealth informatics, and as a champion for open access data and open source software in medicine, particularly through his leadership of the PhysioNet/CinC Challenges and contributions to the PhysioNet Resource. Despite this, he is a strong supporter of commercial translation, working closely with industry, and serves as CTO of MindChild Medical, a spin out from his research at MIT.

Gari has served on the Sepsis and Cardiovascular Events Workshops.

Marina Del Rios

Member

Marina Del Rios, MD, MS is Director of Social Emergency Medicine, Emergency Ultrasound Research Director, and Tenured Associate Professor in Emergency Medicine at the University of Illinois at Chicago - College of Medicine. Dr. Del Rios is the first woman in her family to pursue higher education and the first medical doctor in her family. Dr. Del Rios has a deep commitment to service, spending her time outside of her clinical, research, and teaching responsibilities as a volunteer for multiple health and community service agencies. She is a founding member of the Illinois Heart Rescue Project, a state-wide quality improvement project with the mission to ensure that every victim of out of hospital cardiac arrest receives evidence-based care in the field, in route to, and in the hospital. She has extensive experience with community engagement, CPR education, and cardiovascular health promotion in high-risk populations and has organized more than 200 community CPR training events in the state of Illinois. Her work has received competitive funding from Medtronic Philanthropy, the Pritzker-Traubert Foundation, the National Institutes of Health and the American Heart Association. Her research interests include preventive emergency medicine, geospatial analysis of health outcomes data, resuscitation outcomes research, health disparities research, and the use of ultrasound as a cardiovascular risk assessment tool. She serves as the Advocacy Ambassador of the Council on Cardiopulmonary, Critical Care, Perioperative and Resuscitation (3CPR) and is member of the Science Subcommittee of the Emergency Cardiovascular Care Committee of the American Heart Association. She is a member of the Illinois Department of Public Health COVID19 Health Equity Task Force and the Restore Illinois Health Justice Workgroup. Dr. Del Rios also serves as chair of the Health and Policy Committee of Illinois Unidos, a consortium of Illinois Latino health professionals, policy experts, community-based organizations, and government officials that aims to stop the transmission of COVID-19 and address the pandemic's devastating public health and economic impact in Latino communities. Her advocacy on behalf of the Latino community during the COVID19 pandemic led to her recognition as one of Chicago Crain's Business 2020 Notable Health Care Heroes and as one of Negocios Now 2020 Who's Who in Chicago Hispanic Power.

Marina has served on the Cardiovascular Events Diagnosis Workshop.

Marie-Carmelle Elie

Member

Marie-Carmelle Elie, M.D., F.A.C.E.P., F.C.C.M. is professor and chair of the Department of Emergency Medicine at the University of Alabama at Birmingham, making her the first Black woman to be named a full professor and permanent chair of an academic emergency medicine department at a major American medical school. She has previously served as faculty at the University of Florida College of Medicine and Rutgers UMDNJ where she held leadership roles in the clinical missions of Emergency Medicine, Critical Care and Palliative Medicine. She graduated from Mount Sinai emergency medicine residency and fellowship at the R Adam Cowley Shock Trauma Center. Triple board-certified in emergency medicine, critical care and hospice and palliative care medicine, Dr. Elie has made contributions in critical care initiatives by collaborating with internal and outlying community stakeholders spearheading sepsis quality with a novel alert system in North Central Florida. She also groomed her passion for palliative care by helping to start palliative in-patient services at UF Health and served as the chief medical officer for Haven Hospice and Medical Group, one of the largest hospice organizations in North Florida. A clinical trialist and former research director, she spearheaded the growth of a multimillion dollar research portfolio obtaining funding in the areas of acute respiratory distress, sepsis and palliative care. Dr. Elie is a member of ACEP, SAEM, AAAHPM, NMA, and SCCM and has held numerous leadership roles in various professional societies. She has been awarded numerous research and teaching awards and was most recently awarded the George C Benjamin Research Award from the National Medical Association.

Marie-Carmelle has served on the Diagnostic Lessons Learned from COVID Workshop.

Laura Evans

Member

Laura Evans, MD, MSc is the Associate Professor in the Division of Pulmonary, Critical Care and Sleep Medicine at the University of Washington and Medical Director of Critical Care at the University of Washington Medical Center. Previously, Dr. Evans was an associate professor of medicine at New York University School of Medicine and the Medical Director of Critical Care at Bellevue Hospital. She also serves as the associate program director for the NYU Pulmonary and Critical Care Fellowship Program. Her interests focus on education, patient safety and quality improvement in the intensive care unit. Dr Evans earned her medical degree at the University of Michigan and did her residency in internal medicine at Columbia University. She completed pulmonary and critical care medicine fellowship training and earned a Master of Science in epidemiology at the University of Washington. She joined the faculty of NYU and Bellevue Hospital in 2006. In her role there, she led the evacuation of the Bellevue Hospital intensive care units in the aftermath of Hurricane Sandy and was the clinical lead for New York City's only patient with Ebola. She joined the steering committee of the Surviving Sepsis Campaign in 2012 and is the current Surviving Sepsis Campaign guidelines co-chair. She also serves on the Council of the Society of Critical Care Medicine.

Andy has served on the Sepsis Diagnosis Workshop.

Sarah Kobrin

Member

Sarah Kobrin, PhD, MPH is best known for her work in HPV vaccine uptake, use of health behavior theory, cancer screening, and promoting HDRP's focus on the effects of organizational characteristics on cancer prevention and control. She is currently Chief of the Health Systems & Interventions Research Branch at the National Cancer Institute, a position she has held since 2015. Under her leadership, the scientists, fellows and staff in the branch promote research improve cancer care delivery by accounting for multilevel influences, the role of Information Technology, and the performance of healthcare teams. Dr. Kobrin manages and conducts health systems and behavioral research related to uptake of the HPV vaccine, shared medical decision making, cancer screening, use of theory in applied research, and behavioral and theoretical measurement.

Sarah has served on the Cancer Diagnosis Workshop.

Alex H. Krist

Member

Alex Krist, MD, MPH, is a Professor of Family Medicine and Population Health at Virginia Commonwealth University (VCU) in Richmond Virginia and a practicing family physician and resident educator at the Fairfax Family Practice residency. Dr. Krist graduated from the University of Virginia medical school in 1996, completed his residency in Family Medicine at Fairfax Family Practice in 1999, and received his Master's in Public Health from Johns Hopkins University in 2006.

Dr. Krist's research interests span a range of domains including shared decision-making, barrier assessment for cancer screening, clinical-community integrations to deliver preventive care, routine use of health behavior and mental health risk assessments, the role of place-based data in primary care, primary care practice redesign, and more effective use of health information technology. His work has resulted in lasting improvements in the delivery of preventive services, health behavior changes, and improved patient engagement in medical decisions for patients throughout Virginia. Dr. Krist conducts his research in the Virginia Ambulatory Care Outcomes Research Network (ACORN), a practice-based research network that includes over 500 primary care practices throughout the state of Virginia and spanning the full scope of primary care. As part of creating and maintaining this robust laboratory for conducting primary care research, Dr. Krist has spent countless hours in primary care practices to understand their abilities and needs. Furthermore, he is directly involved in the growing field of patient engagement and patient-centered outcomes research. He directs of the Community Engaged Research Core for VCU's Wright Center for Clinical Translational Science Award and works to strengthen the science of community partnered research, promote community-based participatory research principles, and create partnerships between communities, patients, and researchers. He has been an active participant in multiple National Academy of Medicine activities including Implementing High Quality Primary Care Committee (2019-2021), Cancer Screening Workshop (2020), Roundtable on Health Literacy (2015), and Health Information Technology Forum (2012). Finally, Dr. Krist is a former member of (2014-2021) and the Chair (2020-2021) for the U.S. Preventive Services Task Force (USPSTF). He has been the lead spokesperson on high profile topics such as prostate cancer screening. He led the USPSTF Methods Workgroup for four years and was the editor for an American Journal of Preventive Medicine special issue to advance the USPSTF's methods.

Alex has served on the Cancer Diagnosis Workshop.

Curtis P. Langlotz

Member

Curtis P. Langlotz, MD, PhD is Professor of Radiology and Biomedical Informatics and Director of the Center for Artificial Intelligence in Medicine and Imaging (AIMI Center) at Stanford University. As a Medical Informatics Director for Stanford Health Care, he is also responsible for the computer technology that supports the Stanford Radiology practice.

The AIMI Center develops machine learning methods that enable computer systems to draw complex inferences from clinical data to augment the skills of human caregivers. He currently serves on the Board of Directors of the Radiological Society of North America (RSNA) as Liaison for Informatics. He has founded three healthcare information technology companies, including Montage Healthcare Solutions, which was acquired by Nuance Communications in 2016.

Curtis has served on the Cancer Diagnosis Workshop.

Nicole Lurie

Member

Nicole Lurie, M.D., M.S.P.H. is Director of CEPI-US and Strategic Advisor to the CEO at the Coalition for Epidemic Preparedness Innovations (CEPI). She is also a Senior Lecturer at Harvard Medical School, a member of the research faculty at Massachusetts General Hospital and Professor of Medicine at George Washington University School of Medicine. She served an 8-year term as Assistant Secretary for Preparedness and Response at the US Department of Health and Human Services. In that role she led the HHS response to numerous public health emergencies, ranging from infectious disease to natural and man-made disasters and is responsible for many innovations in emergency preparedness and response. She also chaired the Public Health Emergency Medical Countermeasures Enterprise, a government wide organization ultimately responsible for the development of medical countermeasures, including vaccines against pandemics and emerging threats. Dr. Lurie has a long history in health services research. Prior to federal service, she was the Paul O'Neill Professor of Policy Analysis at RAND, where she started and led the public health preparedness program and RAND's Center for Population Health and Health Disparities. She has had leadership roles in academia, as Professor of Medicine and Public Health at the University of Minnesota, as Medical Advisor to the Commissioner, Minnesota Department of Health, and as Principal Deputy Assistant Secretary for Health at the US Department of Health and Human Services. Dr. Lurie received her BA and MD degrees from the University of Pennsylvania, and completed her residency and public health training at UCLA. Her work has focused on access to and quality of care, health system redesign, equity, mental health, public health and preparedness. She is recipient of numerous awards and is a member of the National Academy of Medicine. She continues to practice clinical medicine in a community clinic in Washington DC.

Nicole has served on the Diagnostic Lessons Learned from COVID Workshop.

Kathryn M. McDonald

Member

Kathryn McDonald, PhD, is an international thought leader who focuses on bringing an evidence-based, patient-centered approach to the study of health care delivery. She explores what makes for safe, affordable, and high-quality health care delivery systems and the factors that prevent health organizations from achieving this standard of care. McDonald develops tools for measuring patient safety and quality that are used by private and public care providers alike. McDonald created a set of standardized health care quality measurements called Quality Indicators, which are used to analyze administrative data from hospitals—including Johns Hopkins—to identify potential quality concerns and track changes over time. She is currently working on an ongoing study that examines the ways that a patient's age, race, and sex may contribute to errors in medical diagnoses and disparities in patient outcomes. McDonald hopes to understand how "visible factors" put young people, women, and African American people at risk for misdiagnoses of infections, cancer, and cardiovascular issues.

Kathryn has served on the Sepsis, Cardiovascular Events, Cancer, and Diagnostic Lessons Learned from COVID Workshops.

Lyle L. Moldawer

Member

Lyle Moldawer, PhD, received his PhD in Experimental Medicine in 1986 from the Gothenburg University in Sweden. For the past 30 years, he has conducted inflammation research testing key hypotheses that explore the inflammatory response to trauma and sepsis. Funded continuously by the National Institute of Health (NIH) for over 25 years, Dr Moldawer is a past NIH MERIT Award recipient. His current research at the University of Florida focuses on populations at the highest risk of developing sepsis, the very young (premature infants) and the very old. He has published over 400 peer-reviewed publications and has been cited more than 28,000 times.

Lyle has served on the Sepsis Diagnosis Workshops.

Ritu Nayar

Member

Ritu Nayar is an Academic Cytopathologist who is Professor of Pathology and Medical Education, Vice Chair of Education & Faculty Development and Director of Cytopathology at Northwestern University and Northwestern Medicine in Chicago. She obtained her MBBS and Pathology MD in India, followed by Pathology residency and two subspecialty fellowships in the USA. Dr Nayar has been an active leader and contributor to organized Pathology for over 30 years, having chaired several committees in numerous professional organizations, including serving as the President of the American Society of Cytopathology, Executive Board member of the International Academy of Cytology and is currently Trustee and Secretary for the American Board of Pathology. She represented the American Board of Pathology in the National Academy of Sciences Workshop “Improving Cancer Diagnosis and Care: Patient Access to Oncologic Imaging and Pathology Expertise and Technologies” in 2018.

Dr Nayar has published extensively in the peer review literature, including serving as editor of the Bethesda Atlas for Reporting Cervical Cytology, which has served as the model for development and dissemination of many other standardized terminology systems in other areas of Cytopathology; and has also been involved in Clinical Screening/Management Guideline Development and Implementation for Cervical Cancer Prevention in collaboration with the ASCCP, NCI, CDC and ASC. In recognition of her contributions to Pathology, Cytopathology and Women’s Health she received the following awards: (1) The ASC Presidents Award in 2003, (2) the inaugural Patricia Alonso Award from the Mexican Society of Cytology in 2016, (3) the prestigious ASC Papanicolaou Award in 2018 (4) the IAC Goldblatt Award in 2018 and (5) the CAP Lifetime Achievement Award in 2019.

Ritu has served on the Cancer Diagnosis Workshop.

Robert W. Neumar

Member

Robert W. Neumar, MD, PhD is Professor and Chair of Emergency Medicine at the University of Michigan Medical School. He is also a member of the Michigan Center for Integrative Research in Critical Care (MCIRCC) and the Extracorporeal Life Support (ECLS) Research Laboratory at the University of Michigan. Dr. Neumar received his BS degree in 1985 from Juniata College and his MD degree in 1990 from the University of Pittsburgh. He received his PhD in Physiology in 1996 from Wayne State University. He was a faculty member in the Department of Emergency Medicine at the University of Pennsylvania from 1997 to 2012, where he served as Associate Director of the Center for Resuscitation Science. He became chair of Emergency Medicine at the University of Michigan in 2012.

Dr. Neumar is recognized as an international leader in the field of cardiac arrest resuscitation with over 30 years of experience in the field. His basic science research is focused on the molecular mechanisms of brain injury caused by cardiac arrest, and therapeutic strategies to improve neurologic outcomes. More recently, his laboratory and clinical studies have expanded to investigate the use of extracorporeal cardiopulmonary resuscitation (ECPR) for refractory cardiac arrest. He is also PI of an AHA-Funded Strategically Focused Research Center Grant entitled Michigan Center for Resuscitation Innovation and Science (M-RISE). M-RISE is focused on developing, testing and implementing neuroprotective therapies in cardiac arrest.

Dr. Neumar previously served as Chair of the American Heart Association Emergency Cardiovascular Care (ECC) Committee, which is responsible for creating the AHA guidelines on CPR and Emergency Cardiovascular Care. He currently serves as the Co-Chair of the International Liaison Committee on Resuscitation (ILCOR) that generates global consensus on science and treatment recommendations for CPR, emergency cardiovascular care, and first aid. Dr. Neumar is also co-founder and President of SaveMiHeart: a consortium of academic institutions and EMS systems that has set a goal of doubling cardiac arrest survival in the state of Michigan by 2020.

In 2007, Dr. Neumar was appointed the inaugural Co-Chair of the ACEP/SAEM Task Force on Emergency Care Research that has advocated for federal funding of emergency care research and was instrumental in the establishment of the first NIH K12 program focused on emergency care research and creation of the NIH office of Emergency Care Research. Dr. Neumar is the recipient of the 2007 ACEP Award for Outstanding Contribution in Research and was elected to the National Academy of Medicine in 2015. In 2020, Dr. Neumar was appointed Co-Chair of Section 8 of the National Academy of Medicine.

Robert has served on the Cardiovascular Events Diagnosis Workshop.

Lisa Richardson

Member

Lisa C. Richardson, MD, MPH, is the Director of CDC's Division of Cancer Prevention and Control (DCPC). She is responsible for providing leadership and direction for all scientific, policy, and programmatic issues related to four national programs: the Colorectal Cancer Control Program, the National Breast and Cervical Cancer Early Detection Program, the National Comprehensive Cancer Control Program, and the National Program of Cancer Registries. She oversees a well-developed research agenda that includes the national Cancer Prevention and Control Research Network.

A public servant for more than 25 years, Dr. Richardson has held numerous leadership positions within CDC and DCPC. Prior to her current role, she served as director of CDC's Division of Blood Disorders, where she led national efforts to prevent complications and improve the quality of life for people living with hereditary blood disorders such as hemophilia and sickle cell disease.

She began her career at CDC in 1997 as the medical director for the National Breast and Cervical Cancer and Early Detection Program, the largest organized screening program for low-income uninsured women in the United States. She returned to CDC in 2004 as a staff scientist in DCPC's Epidemiology and Applied Research Branch, then became the team lead for the Scientific Support and Clinical Translation Team in DCPC's Comprehensive Cancer Control Branch. In 2010, she became DCPC's Chief Science Officer, where she advised DCPC's director in setting scientific priorities and worked with Division staff to maintain scientific integrity in division activities.

Dr. Richardson earned her medical degree and Bachelor of Science from the University of North Carolina at Chapel Hill. She was inducted into the Alpha Omega Alpha Medical Honor Society while at the University of North Carolina. She was a Robert Wood Johnson Clinical Scholar and earned her Master of Public Health from the University of Michigan School of Public Health. She completed her internal medicine residency and hematology/medical oncology fellowship at the University of Florida School of Medicine. She served as faculty of the University of Florida's Department of Medical Oncology from 2000 to 2004, and collaborated extensively with the Florida Cancer Data System, one of the 48 programs funded by CDC's National Program of Cancer Registries.

Dr. Richardson is a highly sought expert on public health's role in cancer control, the role of health care delivery and cancer outcomes, health equity, and quality cancer care. She has authored and coauthored more than 160 peer-reviewed journal articles.

Lisa has served on the Cancer Diagnosis Workshop.

Kosali I. Simon

Member

Kosali I. Simon, Ph.D, a health economist, is Herman Wells Professor at Indiana University, Bloomington IN, O'Neill School of Public and Environmental Affairs, and also the Associate Vice Provost of Health Sciences for the campus. She studies how state and federal policies affect healthcare and related outcomes, including during the COVID period. She is Editor of Journal of Health Economics (JHE), and co-editor of Journal of Human Resources. She is Vice President of Association for Public Policy Analysis and Management (APPAM) and serves on the Congressional Budget Office (CBO) Panel of Health Advisors. She is a Research Associate of the National Bureau of Economic Research (NBER) and is a member of the NASEM Roundtable on Population Health. She received her PhD in Economics from the University of Maryland in 1999.

Kosali has served on the Diagnostic Lessons Learned from COVID Workshop.

Saul Weingart

Member

Saul N. Weingart, M.D., Ph.D., M.P.P., was appointed President of Rhode Island Hospital and Hasbro Children's Hospital in 2021. He served as Chief Medical Officer and Senior Vice President of Medical Affairs at Tufts Medical Center and Professor of Medicine, Public Health, and Community Medicine at Tufts University School of Medicine from 2013-2021. Previously, he served as Vice President for Quality Improvement and Patient Safety at Dana-Farber Cancer Institute. Dr. Weingart holds a doctorate in public policy from Harvard and an MD degree from the University of Rochester. Dr. Weingart's research examines patient safety in primary and specialty care, patient engagement, and diagnostic errors. A practicing general internist, Dr. Weingart served as a member of the board of directors of the National Patient Safety Foundation and was the recipient of the 2012 John M. Eisenberg individual achievement award in quality and patient safety.

Saul has served on the Sepsis, Cardiovascular Events, and Cancer, and Diagnostic Lessons Learned from COVID Workshops.