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Workshop on Lessons Learned from the COVID Pandemic to Improve Diagnosis

Planning Committee Member
Biosketches

Derek C. Angus, M.D., M.P.H., FRCP, FCCM, FCCP (Co-Chair), 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.

Andrew Bindman, M.D., (Co- Chair), is executive vice president and chief medical officer for Kaiser Foundation Health Plan, Inc. and Hospitals. In this role, Dr. Bindman is responsible for driving superior quality and equitable health outcomes through the integration of quality innovation, research, and care delivery. He collaborates with the Permanente Medical Groups to accelerate Kaiser Permanente's quality strategy and improve the high-quality care provided to members and patients nationwide. Dr. Bindman reports directly to Kaiser Permanente's chairman and chief executive officer and is a member of the National Executive Team and the CEO Executive Committee. He works closely with clinical and operational leaders to establish common performance standards for quality and service, drive consistent adoption of key quality

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programs, and leverage data analytics and research across the enterprise. His areas of focus include advancing the quality outcomes that matter most to members and establishing equity, alongside quality and safety, as a fundamental metric for care. Dr. Bindman previously spent more than 30 years at the University of California, San Francisco where he practiced and taught clinical medicine while conducting research in health access and outcomes that resulted in more than 180 published scientific articles. A noted policy advocate, he has held advisory and leadership roles for the U.S. House Energy and Commerce Committee, the U.S. Department of Health and Human Services, the Agency for Healthcare Research and Quality, the California Medicaid Research Institute, and the Healthy California for All Commission, among other agencies. Dr. Bindman is a graduate of Harvard College and the Mount Sinai School of Medicine. A board- certified general internist, he completed his residency in internal medicine at UCSF and was a Robert Wood Johnson Foundation Clinical Scholar at Stanford University. He was elected to the National Academy of Medicine in 2015 and serves on the organization's board for health care services.

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.

Suzanne Bakken, R.N., Ph.D., 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

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Academy of Nursing, American College of Medical Informatics, and a member of the Institute of Medicine (now National Academy of Medicine)

Marie-Carmelle Elie, M.D., FACEP, FCCM, 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.

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.

The National Academies of
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Kathryn McDonald, Ph.D., 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.

Kosali 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.

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.