

Advancing Equity in Diagnostic Excellence to Reduce Health Disparities: A Workshop

Committee

Kathryn M. McDonald

Chair

Dr. Kathryn (Kathy) McDonald, PhD, MM, is the Bloomberg Distinguished Professor of Health Systems, Quality and Safety at Johns Hopkins University. She holds primary appointments in the School of Nursing and the School of Medicine (General Internal Medicine), as well as academic affiliations in business, public health and engineering. She is co-director of the Armstrong Institute Center for Diagnostic Excellence at the Armstrong Institute for Patient Safety and Quality. She serves on the Advisory Committee of the Center for Equity in Aging at Johns Hopkins School of Nursing. Previously, she was the founding executive director of the Center for Primary Care and Outcomes Research at Stanford University's School of Medicine, and executive director of the Center for Health Policy at the Freeman Spogli Institute for International Studies.

Her interdisciplinary scholarship aims to improve health care delivery, and relies on close partnerships with patients, frontline clinical teams, and delivery system leaders. Influential research products include over 100 evidence-based national quality, prevention and safety measures, and seminal publications on coordination of care, patient safety and quality improvement strategies, and human-centered design approaches to implementation science. In the diagnostic excellence domain, her research team and close collaborations include projects related to patient reported measures, diagnostic disparities solutions for diagnostic equity, narrative elicitation methods to deepen understanding of patient and care partner experiences, and systems-level approaches to evaluating artificial intelligence applications for screening, risk prediction, and diagnosis.

She has served as president of the Society for Medical Decision Making, advisory chair for the Relational Coordination Collaborative, and founding chair of the Patient Engagement Committee of the Society to Improve Diagnosis in Medicine. She has also served as a member of National Academy of Medicine Committees – Child Health and Healthcare Measures, Improving Diagnosis and Reducing Diagnostic Errors — that grappled with challenges of measuring and improving quality, equity and health. She is currently serving on the NAM Diagnostic Excellence Forum Planning Committee.

Dr. McDonald values her early career experiences in semiconductor processing, technology optimization, business development, and new product development, all of which reflect her desire to move knowledge into action. She holds a PhD in health policy with an emphasis on organizations and management from UC Berkeley, an MBA from Northwestern University's Kellogg School of Management, and a BS in chemical engineering from Stanford University.

Yvette Calderon

Member

Yvette Calderon, M.D., M.S., is currently a tenured Professor of Emergency Medicine (EM) at the Icahn School of Medicine and Chair of the Department of EM at Mount Sinai Beth Israel. She is renowned for her lifelong commitment to providing care to the underserved, finding solutions to address disparate medical care in vulnerable communities and promoting diversity in the field of medicine to reflect the diversity of patients served. It must be stressed that her research has been nationally and internationally transformational in incorporating public health initiatives in EM. She designed and implemented screening programs to identify patients with undiagnosed and/or untreated HIV/HCV and successfully linked these patients to care. Dr. Calderon was named as Dean / VP for Equity in Clinical Care last year and will lead efforts to ameliorate disparities in treatment and improve health outcomes for patients of the Mount Sinai Health System and School. She was appointed to the National Academy of Medicine in 2022. Dr. Calderon received her medical degree and Master of Science in Clinical Research Methods from Albert Einstein College of Medicine and her undergraduate degree at Brown University. Dr. Calderon completed her medical internship at Beth Israel Medical Center and her residency at Jacobi Medical Center.

Steven A. Cohen

Member

Steven Cohen, Dr.PH, is an Associate Professor in the Department of Health Studies at the University of Rhode Island. He is a social epidemiologist and applied public health demographer, studying the impacts of aging on health and health care delivery. Dr. Cohen studies social factors and place-based characteristics associated with health, health behaviors, and health care services use in older adults, with a primary focus on rural-urban and other sociodemographic disparities. He also examines disparities in informal, family caregiving in the United States and their impacts on caregiver health and quality of life. He serves as the principal investigator of the Rhode Island Life Expectancy Project, which examines the social determinants of life expectancy and mortality in Rhode Island cities and towns, as well as the Rhode Island Caregiving Project, a mixed-methods study of barriers and challenges facing informal caregivers in rural Rhode Island. In 2013 and 2017, Dr. Cohen was awarded the Rural & Environment Award, American Public Health Association, Aging & Public Health Section and in 2020 he was inducted into the Delta Eta Chapter of the Delta Omega Honorary Society in Public Health. He is the Editor-in-Chief of the journal Health Care Analysis and also serve as the Deputy Editor of the Journal of Public Health Policy. He received a Master of Public Health from Tufts University School of Medicine in Biostatistics and Epidemiology, and a Doctorate of Public Health in Population Health with a concurrent Certificate in Health Finance and Management from the Johns Hopkins Bloomberg School of Public Health.

Linda N. Geng

Member

Linda N. Geng, M.D., Ph.D., is co-director of the Stanford Long COVID integrated clinical and research program. Dr. Geng is also director of the Stanford Consultative Medicine diagnostic second opinion program. Her primary expertise is in advancing the care of patients with puzzling, complex conditions, and difficult diagnoses. Dr. Geng was part of the 2021 inaugural cohort of NAM Scholars in Diagnostic Excellence program. Dr. Geng has also participated in multiple NASEM workshops including invited speaker this year for workshop to examine overlap in Infection-Associated Chronic Illnesses and workshop to examine the U.S. government definition of Long COVID.

Cristina Gonzalez

Member

Cristina M. Gonzalez, M.D., M.Ed., an alumna of Albert Einstein College of Medicine, completed internal medicine residency at New York Presbyterian Hospital- Weill Cornell Medical Center, and a medical education research fellowship at University of Cincinnati, earning a Master's Degree in Medical Education. Upon completing that fellowship, she was selected as a Scholar in the Harold Amos Medical Faculty Development Program of the Robert Wood Johnson Foundation. This prestigious four-year award launched her research program designing, implementing, and evaluating interventions aimed at implicit bias recognition and management (IBRM) in clinical encounters. She was subsequently selected as a Scholar in the Macy Faculty Scholars Program of the Josiah Macy, Jr. Foundation to continue advancing her work. Dr. Gonzalez is an internationally renowned expert in the development of skills-based curricular interventions in IBRM for physicians and trainees. In 2019 she transitioned from foundation funding to NIH funding from the National Institute for Minority Health and Health Disparities. With this funding she is designing and validating novel metrics facilitating future evaluation of interventions focused on IBRM with robust, clinically relevant outcome metrics. In 2022 she was selected as a Scholar in the National Academy of Medicine's Scholars in Diagnostic Excellence program. This program's funding and network enabled Dr. Gonzalez to continue her work in IBRM through the lens of equity diagnostic excellence. She is currently a Professor of Medicine and Population Health at New York University Grossman School of Medicine and an Associate Director for the Institute for Excellence in Health Equity.

Lakshmi Krishnan

Member

Lakshmi Krishnan, M.D., Ph.D., is a physician, cultural historian of medicine, and medical humanities scholar at Georgetown University, where she is founding director of Medical Humanities. A dual-trained clinician scholar, she earned her MD from Johns Hopkins and doctorate in literature from the University of Oxford as a Rhodes Scholar before completing postgraduate training at Duke and Johns Hopkins. Her research focuses on diagnosis and clinical reasoning, especially diagnostic health disparities, and she is writing the first full-length cultural history of diagnosis for Johns Hopkins University Press. She has also published widely on historical and contemporary pandemics. She is the recipient of a National Endowment for the Humanities Fellowship in addition to grants and awards from the Mellon Foundation, Association of American Medical Colleges, and Academy of Communication in Healthcare.

Spero M. Manson

Member

Spero M. Manson, Ph.D., (Little Shell Chippewa) is Distinguished Professor of Public Health and Psychiatry, directs the Centers for American Indian and Alaska Native Health, and occupies the Colorado Trust Chair in American Indian Health within the Colorado School of Public Health at the University of Colorado Denver's Anschutz Medical Center. His programs include 10 national centers, which pursue research, program development, training, and collaboration with 225 Native communities, spanning rural, reservation, urban, and village settings across the country. A medical anthropologist, Dr. Manson has acquired \$293 million in sponsored research to support this work and published 300+ articles on the assessment, epidemiology, treatment, and prevention of physical, alcohol, drug, as well as mental health problems over the developmental life span of Native people. He has served on the National Advisory Councils of 3 institutes at the National Institutes of Health (NIH), and recently completed a 4-year term as a member of its Advisory Committee to the Director. Dr. Manson sits on the Health Equity Advisory Committee of Health Affairs, and was a member of the search committee for Editor-in-Chief of the Journal of the American Medical Association. Over the course of his 45-year career, Dr. Manson has mentored more than 150 young scientists, most American Indian or Alaska Native, many of whom now occupy major positions of scientific leadership. His numerous awards include the American Public Health Association's Rema Lapouse Mental Health Epidemiology Award (1998) and Award for Lifetime Contribution to the Field of Mental Health (2019), 4 special recognition awards from the Indian Health Service (1985, 1996, 2004, 2011), election to the National Academy of Medicine (2002); 2 Distinguished Mentor Awards from the Gerontological Society of America (2006; 2007), Association of American Colleges of Medicine's Nickens Award (2006); George Foster Award for Excellence (2006) and Distinguished Career Achievement Award (2020) from the Society for Medical Anthropology, NIH Health Disparities Award for Excellence (2008), Bronislaw Malinowski Award from the Society for Applied Anthropology (2019); Centers for Disease Control Foundation's Elizabeth Fries Health Education Award (2021), and the Rhoda and Bernard Sarnat International Prize in Mental Health (2021) from the National Academy of Medicine. He is widely acknowledged as one of the nation's leading authorities in regard to American Indian and Alaska Native health.

Kristen Miller

Member

Kristen Miller, Dr.PH., MSPH, MSL, CPPS, is the Senior Scientific Director of the MedStar Health National Center for Human Factors in Healthcare, Associate Professor of Emergency Medicine at Georgetown University School of Medicine, and Affiliate Faculty at Georgetown Innovation Center for Biomedical Informatics. Dr. Miller is a clinically oriented human factors researcher focusing on diagnostic safety, medical decision making, informatics, and the assessment of medical interventions with an emphasis on healthcare delivery. Her work includes meaningful and active collaboration with patient partners, families, caregivers and frontline teams. Her portfolio includes federally funded work from the National Institutes of Health, Agency for Healthcare Research and Quality, Office of the National Coordinator for Health Information Technology, Centers for Disease Control and Prevention, Department of Defense, National Science Foundation, Society to Improve Diagnosis in Medicine, and Pew Charitable Trust. These projects demonstrate applied, pragmatic design, development, deployment, and evaluation of systems engineering solutions to improve patient safety, reduce diagnostic error, and improve health equity. Her research interests also include an evaluation of the ethical, legal, and policy implications of health information technology and digital health tools. Her education and training spans three public health degrees including a doctorate in epidemiology, a post-doctorate with the Department of Veterans Affairs, experience in multiple healthcare systems, and a law degree focused on healthcare law and health IT policy.

Yamilé Molina

Member

Yamilé Molina, M.S., MPH, Ph.D, is the Associate Director of Community Outreach and Engagement at the University of Illinois Cancer Center, and the Associate Director of Community Engaged Research at Mile Square Health Center, an Associate Professor within the Division of Community Health Sciences at the School of Public Health. Dr. Molina has graduate degrees in psychology and epidemiology as well as has completed multiple postdoctoral fellowships in health services research and mixed methods. Funded by the National Cancer Institute and American Cancer Society, Dr. Molina's research focuses on leveraging multi-sectoral partnerships, including with federally qualified health centers (FQHC) and community-based organizations, to provide comprehensive access and uptake of affordable, quality cancer healthcare, from genetic services through survivorship care. Across 139 publications and multiple R01 / R01 equivalent awards, Dr. Molina has demonstrated expertise in qualitative, quantitative, and mixed methods designs, social network analysis, social epidemiology, multilevel modeling, and community engaged research methodologies. Relevant honors include induction to the Lambda Chapter of Delta Omega, being an awardee for the National Minority Quality Forums' 40 under 40 Leaders in Minority Health, serving on the Executive Committee of the American Society for Preventive Oncology, and numerous local, institutional, and national awards as an independently funded Latina scientist, with a strong track record in policy, mentorship of diverse trainees (K-12 to early career faculty), and service leadership.

Ronald Wyatt

Member

Ronald Wyatt, M.D., MHA, serves as SIDM's Chief Science and Medical Officer. Former roles include Vice-President and Patient Safety Officer at MCIC Vermont and Chief Quality and Patient Safety Officer at Cook County Health, one of the largest public health systems in the United States. Dr. Wyatt is nationally recognized in the United States as an expert in patient safety and was named several times by Becker's as one of the "Top 50 Patient Safety Experts" in the U.S. In 2010, Ron was appointed as Director of the Patient Safety Analysis Center in the U.S. Department of Defense, now the Defense Health Agency. Dr. Wyatt was the first Patient Safety Officer at the Joint Commission and in that role contributed to National Patient Safety Goals, Sentinel Event Alerts, and developed the "Quick Safety" publication. Dr. Wyatt is a member of the ACGME Clinical Learning Environment Review Committee (CLER). Ron currently serves as co-chair of the Institute of Healthcare Improvement (IHI) Equity Advisory Group. He presents nationally and internationally on leadership, safety culture, safety event analysis, human factors in healthcare, patient experience, and health equity. He also serves on several boards, including the IHI Certified Professional in Patient Safety and, formally, the Society to Prevent Diagnosis in Medicine. Dr. Wyatt is a credentialed course instructor in the School of Health Professions at the University of Alabama Birmingham. Dr. Wyatt is a graduate of the University of Alabama Birmingham School of Medicine and holds an executive master's in health administration degree from the University of Alabama Birmingham. He was a 2009-2010 Merck Fellow at IHI.

Clyde W. Yancy

Member

Clyde W. Yancy, M.D., MSc, is Vice Dean for Diversity, Equity and Inclusion; Magerstadt Endowed Professor & Chief of Cardiology; and Professor, Department of Medical Social Science, at Northwestern University Feinberg School of Medicine, and serves as Associate Director, Bluhm Cardiovascular Institute, Northwestern Medicine, Chicago, IL. He holds an MD degree from Tulane University School of Medicine and a Management degree (MSc) from the University of Texas.

Dr. Yancy is Deputy Editor for JAMA - Cardiology, a former President of the American Heart Association, and holds extensive government service including leadership positions in the National Institutes of Health, National Heart Lung and Blood Institute, the Food and Drug Administration, Patient Centered Outcomes Research Institute, and the Department of Health and Human Services. His domains of expertise include heart failure, outcomes sciences, cardiovascular disease prevention, quality improvement, clinical practice guideline development, health equity and leadership. He has published more than 700 peer-reviewed manuscripts, and is again for 2023 cited as one of the top 1% scientific authors, worldwide. He holds innumerable awards as a healthcare leader, top physician, teacher and mentor in cardiology. He is an elected membership of the National Academy of Medicine, the American Association of Physicians, and the Association of University Cardiologists