

Advancing Health Care Professional Education and Training in Diagnostic Excellence: A Workshop

Committee

Andrew B. Bindman

Chair

Andrew B. Bindman, M.D., (Chair), is the 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 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.

Emily Abdoler

Member

Emily Ann Abdoler, M.D., MAEd, is a Clinical Associate Professor of Medicine at the University of Michigan Medical School and Staff Physician at the Ann Arbor VA Health System. She works clinically in adult Infectious Diseases (ID), is associate program director of the ID fellowship, co-chair of the Academy of Medical Educators, assistant director of the preclerkship medical school curriculum, and co-director of the Infectious Diseases & Microbiology course for medical students. Her research interests lie in the areas clinical reasoning and reflective practice. In 2022, she received the M. Brownell Anderson Award for early-career medical educators through the Central Group on Academic Affairs for the AAMC. She is also a past recipient of the Kaiser Permanente Award for Excellence in Teaching in the Pre-clinical Sciences through the University of Michigan Medical School. She completed her medical degree at the University of Michigan Medical School, followed by Internal Medicine residency and Infectious Diseases fellowship at the University of California, San Francisco. During her fellowship, she also attained her Master's in Education through the University of California, Berkeley, and completed an advanced fellowship in Health Professions Education Evaluation and Research at the San Francisco VA Health.

Cristina Gonzalez

Member

Cristina Gonzalez, M.D., M.Ed., is 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. She is 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.

Gene Harkless

Member

Gene Harkless, MSN, DNSc, is an associate professor, and chair of the University of New Hampshire Department of Nursing has taught and led undergraduate and graduate program development there for 38 years. A family nurse practitioner since 1980, she continues to practice at the Greater Seacoast Community Health Center. Dr. Harkless has focused her teaching on evidence-based practice, clinical judgement, and family nursing theory. Her scholarship includes work on the diagnostic process, clinical decision-making, quality improvement, and long-term care for frail elders. She has been awarded three Fulbright Scholar awards in Norway, India, and Indonesia over her career. In 2010, Dr. Harkless was named a Fellow of the American Academy of Nurse Practitioners and in 2014 she received the New Hampshire Nurse Practitioner Association Lifetime Achievement Award. In 2017, Dr. Harkless was selected by the Society to Improve Diagnosis in Medicine to serve on the Macy Foundation-funded national workgroup convened to develop an interprofessional curriculum to improve diagnosis in medicine. Dr. Harkless received her BSN from Duke University, her MSN FNP education at Vanderbilt, and her DNSc at Boston University.

Barry Issenberg

Member

Barry Issenberg, M.D., holds the Michael S. Gordon Endowed Chair of Medical Education and serves as a tenured Professor of Medicine, Senior Associate Dean for Research in Medical Education, and Director of the Gordon Center for Simulation and Innovation in Medical Education. Dr. Issenberg's career has been dedicated to the research, development, implementation, and evaluation of innovative training and assessment systems. His research with colleagues has established the validity of computer-based simulation and virtual patient training programs for teaching and assessing health professionals. Dr. Issenberg has authored or co-authored over 200 publications and digital applications on the development, use, and evaluation of innovative training systems in health sciences education. Furthermore, Dr. Issenberg serves on several national and international boards and committees related to medical education and healthcare simulation. He is currently the president of the Society for Simulation in Healthcare, the largest international organization dedicated to using simulation to enhance training and patient care. Dr. Issenberg received his medical degree from the University of Miami School of Medicine and completed his residency training in internal medicine at the University of Alabama at Birmingham.

Andrew Olson

Member

Andrew Olson, M.D., is a Professor of Medicine and Pediatrics at the University of Minnesota Medical School, where he practices hospital medicine and pediatrics. A native of rural Iowa and a graduate of Luther College, Dr. Olson attended medical school at the University of California, Davis, and He serves as the founding Director of the Division of Hospital Medicine and Director of Medical Education Research and Innovation in the Medical Education Outcomes Center, focusing on linking education with clinical and workforce outcomes. Dr. Olson's academic focus is better understanding clinical reasoning, especially diagnostic reasoning. His research focuses on the interactions between individuals and the clinical environment and how teams make diagnostic decisions. He has published over 120 articles, mostly focused on diagnosis, and has been the recipient of multiple extramural grants focused on improving diagnosis. He is the recipient of the Mark L. Graber Award for Leadership in Diagnostic Excellence, and an inductee into the Academy of Excellence for the Scholarship of Teaching and Learning at the University of Minnesota.

Dimitrios Papanagnou

Member

Dimitrios Papanagnou, M.D., Ed.D., MPH is a Professor of Emergency Medicine and Vice Chair for Education in the Department of Emergency Medicine. He serves as Senior Associate Dean for Faculty Development at SKMC. He extends his commitment to faculty across the University as the Associate Provost for Faculty Development, with a specific emphasis on health professions education and scholarship. He oversees SKMC's Health Systems Science curriculum and designed and currently leads SKMC's first-ever Scholarly Inquiry Track in Medical Education. Previous to Jefferson, he led simulation-based in situ training for multidisciplinary teams across New York City's Health and Hospitals Corporation. As a Macy Faculty Scholar, he developed and implemented a vertically aligned curriculum for uncertainty in clinical practice. His research lies at the intersection of HSS, uncertainty in clinical practice, diagnosis, and medical education. In 2022, Dr. Papanagnou was named a Scholar of Diagnostic Excellence by the National Academy of Medicine. He is the recipient of numerous teaching awards, including the AAMC's 2023 Alpha Omega Alpha Robert J. Glaser Distinguished Teacher Award. He has >120 publications and >200 abstracts/poster presentations, with nearly all of them centered on medical education. He has helped secure >\$2 million in grant funding to advance medical education. His work has been funded by the AMA, AHRQ, the Emergency Medicine Foundation, the Society for Academic Emergency Medicine, the U.S. Department of Health & Human Services, the Josiah Macy Jr. Foundation, the Gordon & Betty Moore Foundation, and the ABIM Foundation. Dr. Papanagnou completed his undergraduate and graduate medical training at NYU School of Medicine and Bellevue Hospital. He completed his MPH and doctorate in education at Columbia University.

Geeta Singhal

Member

Geeta Singhal, M.D, MEd., is a pediatric hospital-based physician and Professor at Baylor College of Medicine. She received her medical degree from the University of Oklahoma, her Master of Education from the University of Houston and completed her pediatric residency at Children's Hospital, Los Angeles. Her achievements include leadership roles in pediatric hospital medicine, administration and in education at the local and national levels. She is the former Director of the BCM Office of Faculty Development, is an Executive Vice Chair in the BCM Department of Pediatrics, and past Chair of the American Academy of Pediatrics Section of Hospital Medicine Executive Council. She is the recipient of multiple teaching awards, locally and nationally. She is considered an expert in family-centered rounding, diagnostic errors and in workshop/conference planning. She also has a great interest in global health and has taught in India, Brazil, India, Finland, Malawi, Taiwan and Uganda. Dr. Singhal completed an 18-month tenure as the elected President of the TCH medical staff, where she worked closely with other leaders during the pandemic and times of social unrest.

Maria L. Soto-Greene

Member

Maria Soto-Greene, M.D., is a tenured Professor and Executive Vice Dean at Rutgers New Jersey Medical School (NJMS). She has amassed decades of experience in all aspects of medical education. In her current role, Dr. Soto-Greene oversees undergraduate medical education, faculty affairs, professional development, accreditation, diversity affairs, and all basic science and clinical departments. She is committed to advancing the school's health equity and social justice education, community service, and engagement with University Hospital, a safety-net hospital. Dr. Soto-Greene has been funded by federal and private agencies since the early 1990's and has passionately worked to create unparalleled opportunities for thousands of individuals underrepresented in medicine and science. These programs support students at the pre-college level through medical school faculty. Dr. Soto-Greene received her M.D. degree from New Jersey Medical School, completed her internal medicine training at University Hospital in Newark, NJ, and obtained a M.S. in Health Professions Education at the MGH Institute of Health Professions. She has been the proud recipient of numerous awards recognizing her contributions to advancing diversity in academic medicine including the 2019 AAMC Herbert W. Nickens Award for her exemplary contributions to promoting social justice in medical education and health equities.

Yolanda Wimberly

Member

Yolanda Wimberly, M.D., is a nationally respected and distinguished healthcare and public health leader, educator, and community advocate. Dr. Yolanda Wimberly brings a dynamic vision to her position as senior vice president and Chief Health Equity Officer at Grady Health System. A board-certified physician in both pediatrics and adolescent medicine, Dr. Wimberly serves as an adjunct professor of pediatrics at Morehouse School of Medicine (MSM). Her leadership and nationally respected voice in the health equity movement are born of 21 years of clinical experience. As the former Senior Associate Dean of Graduate Medical Education and Clinical Affairs for Grady at MSM, Dr. Wimberly led the clinical experience and educational enterprise of hundreds of medical students, residents, and faculty for 20 years. During her tenure there, she developed the strategic plan for graduate medical education at MSM and led the expansion of GME at MSM by 50%, while decreasing program citations by 75%. Dr. Wimberly earned her Doctor of Medicine degree from Meharry Medical College and her Master of Science in Epidemiology from the University of Cincinnati. After completing her pediatric residency at Northwestern Children's Hospital, she completed an adolescent medicine fellowship at Cincinnati Children's Hospital. Highly regarded for her perceptive leadership, Dr. Wimberly serves on several boards focused on improving health outcomes and elevating health equity in the United States and around the world. Her board membership includes the board of directors for the Accreditation Council on Graduate Medical Education (ACGME), Metro Atlanta YMCA, and Camp Twin lakes. In recognition of her leadership and accomplishments, Dr. Wimberly was the recipient of the Association for American Medical Colleges' prestigious Arnold P. Gold Foundation Humanism in Medicine Award, and of numerous other national awards. In 2022, Dr. Wimberly was named a Top Diversity and Inclusion Officer by the Atlanta Business Chronicle, was recognized by Becker's Hospital Review as a Top Diversity and Inclusion Officers to Watch in 2023 and was consistently from 2011 through 2024, recognized as one of Atlanta's Top Doctors by Atlanta Magazine.