



**NATIONAL
QUALITY FORUM**

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Roster

Artificial Intelligence in Quality Measures Technical Expert Panel Fall 2023 - Fall 2025

Technical Expert Panel Members

Monica Agrawal, PhD, MS

Assistant Professor, Duke University
Co-Founder, Layer Health
Durham, NC

Dr. Monica Agrawal is an assistant professor at Duke University, joint between the Department of Biostatistics and Bioinformatics and the Department of Computer Science, as well as the co-founder of Layer Health. In her research, she tackles diverse challenges across clinical natural language processing including scalable clinical information extraction, smarter electronic health records, human-in-the-loop systems, and characterization of the effect of AI decision support on users. Her work has been published at venues in machine learning (ICML, AISTATS), natural language processing (EMNLP), computational health (MLHC, ML4H, PSB, JCO Clinical Cancer Informatics), and human-computer interaction (CHI, UIST). She has been the recipient of a Takeda Fellowship, a Tau Beta Pi Fellowship, and an MIT EECS Edgerton Fellowship and was named a 2022 Rising Star in EECS. Dr. Agrawal recently earned her PhD in Computer Science at MIT CSAIL in the Clinical Machine Learning Group as well as a certificate from the Harvard-MIT Health Sciences and Technology program. Prior, she graduated from Stanford with a BS and MS in Computer Science (concentration in Artificial Intelligence), and she developed machine learning solutions at internships at Google and Flatiron Health.

Chandra Beasley, MBA, MHRM, MNSA, MPA, CLSSGB

Director of Information Technology, South Carolina Primary Health Care Association
Columbia, SC

Chandra Beasley is the Director of Information Technology for the South Carolina Primary Health Care Association (SCPHCA) and also serves as the Program Director for the South Carolina Health Center Controlled Network (SCHCCN). Ms. Beasley has worked for the SCPHCA/SCHCCN for 6 years and has more than 10 years of experience in the health information technology field. In prior roles, she has gained extensive experience in EHR architecture build and design, HIE implementation/optimization, HL7 and reporting support, and Quality Assurance testing. Ms. Beasley holds a Master's in Business Administration, Network Systems Administration, Public Administration, Human Resource Managements from the Keller Graduate School of Management, and a certification in CLSSGB. She is currently pursuing a Doctoral in Health Administration from Capella University.

Robert El-Kareh, MD, MPH, MS

Associate Chief Medical Officer, Transformation & Learning at UC San Diego Health
La Jolla, CA

Robert El-Kareh, MD, MPH, MS is a Clinical Professor of Medicine within the Division of Biomedical Informatics at the University of California, San Diego. He also serves as Associate Chief Medical Officer for Transformation and Learning and leads the Clinical Decision Support Oversight Committee at UC San Diego Health. Clinically, he is a practicing hospital medicine physician and is board-certified in Clinical Informatics. Dr. El-Kareh's primary academic activities involve the use of clinical data to improve diagnostic safety in healthcare. Dr. El-Kareh has active research and performance improvement projects related to detection and evaluation of inpatient diagnostic delays, systematic feedback of patient outcomes to frontline providers, and tools to guide the appropriate use of diagnostic tests. Dr. El-Kareh completed his undergraduate and graduate education in electrical engineering at Stanford University and medical education at Temple University. Prior to moving to UCSD, Dr. El-Kareh completed his residency in internal medicine at Brown University and research fellowship in medical informatics at Brigham and Women's Hospital and Harvard University. During his research fellowship, he completed training in public health, earning an MPH from the Harvard School of Public Health.

Mark Alan Fontana, PhD

Senior Director of Data Science, Hospital for Special Surgery
Assistant Professor, Weill Cornell Medical College
New York, NY

Dr. Mark Alan Fontana, PhD, is a health data scientist and economist whose work in the fields of data collection, analytics, survey/experimental design, and policy are interdisciplinary and empirical. He is currently the Senior Director of Data Science at Hospital for Special Surgery (HSS), where he leads the hospital's Advanced Analytics team as part of its Center for Analytics, Modeling, and Performance (CAMP). Dr. Fontana is also an Assistant Professor in the Department of Population Health Sciences at Weill Cornell Medical College. His work at HSS focuses on leading applied research projects leveraging machine learning and large musculoskeletal datasets for creating, evaluating, and monitoring clinical decision support tools, as well as implementing those tools for the betterment of patient care (e.g., predicting likelihood of a patient undergoing surgery using radiographic imaging; predicting post-operative patient-reported outcome measures and readmissions; predicting running injury from survey and wearables data). His team also works on operational projects focused on improving hospital efficiency using machine learning (e.g., improving capacity planning, central sterile processing, implant purchasing). He also leads statistical analyses toward the development of new quality measures, deriving and evaluating novel clinically-relevant thresholds for patient-reported outcome measurements. Dr. Fontana has published numerous articles in various medical journals on these and related topics.

Rebecca Jacobson, MD, MS, FACMI

President, Astrata, Inc.
Pittsburgh, PA

Dr. Rebecca Jacobson is President of Astrata, a healthcare technology company. Astrata helps health plans and other healthcare organizations use NLP and advanced analytics to transform their HEDIS

quality measurement program to digital quality. Dr. Jacobson was previously Vice President at UPMC Enterprises, where she oversaw their analytics program, including natural language processing, machine learning, and advanced search. Prior to that, she was Professor of Biomedical Informatics and Chief Information Officer for the Institute for Personalized Medicine at University of Pittsburgh School of Medicine. Over the past twenty-five years, Dr. Jacobson's work has focused on extracting meaningful information from electronic medical records to impact quality measurement and improvement, population health, and precision medicine, using NLP methods. She is an elected fellow of the American College of Medical Informatics, since 2010.

Laura D. Jantos, MBA, MHA, LFHIMSS

Patient Advocate, Healthcare Information and Management Systems Society
Mercer Island, WA

Laura D. Jantos, LFHIMSS, is Founder/CEO of LDJ Consulting LLC. She has more than 20 years of experience assisting healthcare organizations and technology companies in addressing strategic healthcare information technology considerations. A former principal and practice leader for healthcare IT at a national consulting firm, Laura experienced traumatic brain injuries (TBI) in 2012 and 2018 which strengthened her perspective on the challenges patients face interacting with technology in pursuing their own healthcare. Laura is a patient advocate, frequent speaker, noted author, has chaired several HIMSS national committees, and is a past President of HIMSS Washington.

Rosemary Kennedy, PhD, RN, MBA, FAAN

Chief Health Informatics Officers, Connect America
Bala Cynwyd, PA

Dr. Rosemary Kennedy, PhD, RN, MBA, FAAN, is the Chief Health Informatics Officer at a digital health company Connect America, developing and implementing machine learning and AI solutions to support the management of vulnerable and underserved populations in their homes. She has over 35 years of expertise in developing and implementing health information technology solutions. She has led clinical trials using machine learning and AI, integrating biometrics and patient-reported symptoms for early detection of clinical deterioration. Dr. Kennedy has significant experience working with data scientists, AI developers, researchers, and patients to architect, train, validate, and deploy AI-based solutions while measuring value as a byproduct of solution use. As Vice President of Health Information Technology at the National Quality Forum, she was pivotal in leading electronic quality measurement for value-based programs. She led technical expert panels and spearheaded the development of quality frameworks, measures, criteria, and data standards across federal programs and public and private stakeholders. In addition to being an informatics domain expert, she holds many leadership roles through her work with the American Medical Informatics Association (AMIA) and the American Academy of Nursing. Dr. Kennedy is widely presented and published in the field of informatics. She is a fellow in the American Academy of Nursing and received the HIMSS 2009 Nursing Informatics Award and the Top 25 Women in Healthcare award for 2009. She was the Chief Nursing Informatics Officer for Siemens Healthcare Solutions for many years.

Zhenqiu Lin, PhD

Senior Director of Healthcare Analytics, Yale New Haven Hospital Center for Outcomes Research and Evaluation

New Haven, CT

Dr. Lin is Senior Director of Healthcare Analytics at Yale New Haven Hospital Center for Outcomes Research and Evaluation and senior research scientist at Yale School of Medicine. He has over 2 decades of experience analyzing healthcare data to support quality measurement and quality improvement. He has led numerous analytics projects funded by CMS, AHRQ, NIH, CDC, and others. Dr. Lin has in-depth expertise in using healthcare data including claims data, national registries data, and hospital EHR data. He has directed countless analytical activities that are the foundation of many publicly reported quality measures. He is always looking for better ways to harvest healthcare data to bring all available information to bear on healthcare practice and improvement.

Charlotta Lindvall, MD, PhD, FAAHPM

Director of Clinical Informatics, Dana-Farber Cancer Institute, Boston
Boston, MA

Charlotta Lindvall, MD, PhD, is an Assistant Professor and Director of Clinical Informatics at the Dana-Farber Cancer Institute, Boston. She leads a cross-disciplinary research team of physicians, nurses, and computer scientists to develop AI for language analysis within the context of serious illness care. ClinicalRegex, a software developed by her lab is used to identify text-based primary outcomes in multiple clinical trials involving tens of thousands of patients in the United States. Dr. Lindvall has received multiple awards and prizes including a NPCRC Junior Investigator Award, a Sojourns Scholar Award, and an Innovation Award from the National Quality Forum. Funding for her research includes grants from the Cambia Health Foundation, the Veteran Affairs, and the National Institutes of Health. She writes and speaks about the ethical considerations for AI in medicine, including a July 2023 invited perspective in Science.

Vincent Liu, MD, MS

Regional Medical Director, Augmented Clinical Intelligence
Senior Research Scientist, Kaiser Permanente Division of Research
Saratoga, CA

Vincent Liu, MD MS, is a pulmonary-critical care physician practicing at Kaiser Permanente Santa Clara Medical Center and a senior Research Scientist at the Kaiser Permanente Division of Research where he studies the use of artificial intelligence and machine learning in electronic health record data to improve outcomes for acute conditions like sepsis. In addition, Dr. Liu is a Regional Medical Director working with diverse health system teams to lead artificial intelligence/machine learning implementation for an integrated healthcare delivery system serving more than 4.5 million members of KP Northern California. Finally, he is track Director of the Clinical Informatics track within the Kaiser Permanente Delivery Science Fellowship, where he mentors postdoctoral scholars in applying informatics methods to high-impact health system challenges. Dr. Liu has authored 200 scholarly publications and served on expert panels for the NIH, NQF, NCQA, and NAM.

Danielle Lloyd, MPH

Senior Vice President, Private Market Innovations and Quality Initiative, AHIP
Washington, DC

Danielle A. Lloyd is the senior vice president of private market innovations and quality initiatives for

AHIP, the national association representing organizations that provide coverage for health care and related services. As part of leadership, Danielle oversees the strategic planning for the Care Delivery and Innovation work of the association. Danielle is also responsible for assessing insurance market trends and developing policy in the areas of provider payment models, performance measurement, consumer data transparency, health information technology, and privacy. She is steering committee chair for the national Core Quality Measure Collaborative that seeks to align quality measures across public and private payers. She also serves as an advisor for several organizations such as the National Uniform Billing Committee, AcademyHealth's Committee on Advocacy and Public Policy, and the Center for Practical Bioethics' Ethical AI Project. Previously, Danielle led Premier, Inc.'s policy analysis and development on behalf of more than 3,500 hospitals nationally and played a leading role in Premier's large-scale alternative payment model collaboratives. With 25 years of experience in healthcare policy and operations, Lloyd has also worked on an array of healthcare issues for a Congressional committee, government agency, and hospital associations. She has a bachelor's degree from the University of Pennsylvania, a master's degree in public health from the University of California, Berkeley, and a certificate in Technology & Innovation Advancement from the Massachusetts Institute of Technology xPRO.

Yuan Luo, PhD

Chief AI Officer, Northwestern University Clinical and Translational Sciences Institute
Chicago, IL

Dr. Yuan Luo is Chief AI Officer at Clinical and Translational Sciences Institute (NUCATS) and Institute for AI in Medicine, and Associate Professor at Feinberg School of Medicine in Northwestern University. Globally recognized for his leadership and significant contributions to biomedical AI, Dr. Luo has earned the prestigious titles of elected Fellow of the International Academy of Health Sciences Informatics (IAHSI) and elected Fellow of the American Medical Informatics Association (AMIA). A visionary leader, Dr. Luo is at the forefront of building next-generation informatics and AI to improve healthcare quality and equity. His exemplary leadership shapes strategies across various levels, ranging from university settings to entire health systems. With a commitment to democratizing AI literacy, Dr. Luo has been featured in eminent venues such as The Economist, JAMA Network, and Becker's Hospital Review to share unique visions on delivering AI strategies that drive quality improvement. His groundbreaking research has been featured in leading journals, including JAMA and Nature Medicine. Dr. Luo has given numerous keynotes to both academia and industry and has chaired multiple conferences and workshops. With over 160 peer-reviewed papers, his work has been cited by scientists across more than 30 different countries and 25 research areas. Dr. Luo champions a proactive AI/ML approach, emphasizing the importance of continuous AI assistance to human experts in mitigating data biases and weaknesses for better quality and equity. This proactive stance proved invaluable in dynamic scenarios, like pandemics, solidifying Dr. Luo's reputation as a trailblazer in healthcare quality measurement through AI.

John Martin, PhD, MPH

Vice President, Data Science, Premier, Inc.
Charlotte, NC

Dr. Martin is responsible for providing data science leadership, strategy, program development, and business support across all Premier service lines. He leads a team that is focused on using machine

learning/AI along with complex statistical methods to holistically evaluate care provision and outcomes. He has had more than 20 years' experience in leading teams in complex projects and conducting research focusing on measure development, quality improvement, clinical trials, and health economics and outcomes research. He has served on technical expert panels for NQF, AHRQ, CMS, PCORI, and ISPOR. Prior to joining Premier, he served in leadership and research capacities at CareScience™, Pharmetrics (IMS Health), the Cancer Institute of NJ, and Thomson Health Economics Research. He has a BS from Sterling College, an MPH from the University of Kansas, and a PhD from Rutgers, the State University of New Jersey.

Eric Poon, MD, MPH, FACMI

Chief Health Information Officer, Duke University Health System
Durham, NC

Dr. Poon presently holds the esteemed role of Chief Health Information Officer (CHIO) at Duke Health, concurrently practicing primary care internal medicine within Duke Primary Care. As the CHIO, his responsibilities encompass envisioning and strategically planning clinical and analytic information systems that wield a significant influence over patient care, research, and education. Dr. Poon's strong interests in IT innovation drives him to collaborate with researchers across Duke in pioneering novel approaches, including leveraging Artificial Intelligence, to efficiently deliver exemplary healthcare to our patients. His research pursuits center around the effective utilization of health information technology to elevate care quality and bolster patient safety across both ambulatory and hospital contexts. In the ambulatory sphere, his focus lies in expeditiously furnishing clinicians with decision support tools to avert errors during diagnostic test ordering and result review. Within the inpatient arena, he has conducted numerous studies delving into the barriers to and facilitators of the widespread adoption of computerized physician order entry. Notably, Dr. Poon has spearheaded seminal studies assessing the safety, financial implications, and socio-technical effects of barcode technology within hospital pharmacy and nursing units. Additionally, Dr. Poon serves as Duke's inaugural Program Director for its ACGME-accredited Clinical Informatics Fellowship Program. His dedication to the field is further evidenced by his role as an Associate Editor of the Journal of the American Medical Informatics Association (JAMIA) since 2017. His commitment and expertise were acknowledged when he was elected as a Fellow of the American College of Medical Informatics in 2018.

Paul Tang, MD, MS

Adjunct Professor, Clinical Excellence Research Center, Stanford University
Stanford, CA

Paul Tang, MD, MS, is adjunct professor in the Clinical Excellence Research Center at Stanford University and an internist at the Palo Alto Medical Foundation (PAMF). He held past roles as chief innovation and technology officer at PAMF, chief medical information officer at PAMF and vice president, chief health transformation officer at IBM Watson Health. He has over 25 years of executive leadership experience in health information technology within medical groups, health systems, and corporate settings. He is an elected member of the National Academy of Medicine, and has served on numerous NAM study committees, including a patient-safety committee he chaired that published two reports: Patient Safety: A New Standard for Care, and Key Capabilities of an Electronic Health Record System. Dr. Tang has served on the NQF Board (2010-16) and its Consensus Standards Approval Committee (2007-12) as well as chaired its Health Information Technology Expert Panel (2007-9). He has also co-chaired the Quality

subcommittee of NCVHS. Dr. Tang was co-chair of the federal Health Information Technology Policy committee from 2009-2017 and was a member of its Quality Measurement work group. Dr. Tang currently serves as a member of a CMS Technical Expert Panel conducting the 2024 Impact Assessment of CMS Quality and Efficiency Measures. He has served as board chair for several health informatics professional associations, including the American Medical Informatics Association. He received his B.S. and M.S. in Electrical Engineering from Stanford University.

Meghan Reading Turchioe, PhD, MPH, RN

Assistant Professor, Columbia University School of Nursing
New York, NY

Dr. Meghan Reading Turchioe, PhD, MPH, RN is a nurse scientist with multidisciplinary training in biomedical informatics, public health, and implementation science. Her program of research focuses on leveraging novel informatics methods, including natural language processing (NLP) and machine learning (ML), to measure and improve patient-centered quality outcomes. Dr. Turchioe is the principal investigator (PI) of NIH-funded research (R00NR019124) applying NLP and ML methods to extract symptoms from clinical narrative notes in electronic health records, phenotype symptom clusters, and predict healthcare outcomes in the context of atrial fibrillation. Additionally, related to ML, she is pioneering strategies for communicating ML-based predictions and ML model characteristics to both clinicians and patients in the context of postpartum depression risk prediction (R41MH124581). Within this work, they are identifying important bioethical considerations for the use of ML in the prediction and diagnosis of disease (R41MH124581-02S1). She is also the PI of a grant from Boston Scientific investigating patient perspectives on the integration of a predictive ML model into a patient-facing smartphone application for patients with cardiac electronic implantable devices (CIEDs). Finally, Dr. Turchioe is the PI of a grant from Columbia University determining the value of integrating generative artificial intelligence (AI) into nursing curricula to prepare doctoral-level nurses for a future of healthcare in which AI plays a central role.

Ben Wandtke, MD, MS

Vice Chair, Quality and Safety, Department of Imaging Sciences at University of Rochester Medical Center
Pittsford, NY

Ben Wandtke, MD, MS, a diagnostic radiologist and associate professor of imaging at the University of Rochester School of Medicine & Dentistry in Rochester, NY, works diligently to advance diagnostic excellence. As the director of the Backstop Radiology Recommendation Tracking Program, he developed and now oversees systems that identify, track, and adequately manage actionable incidental findings on radiology examinations. Dr. Wandtke's appointments to several American College of Radiology initiatives directly influence national efforts regarding radiology's quality improvement of diagnostic excellence, including quality measurement and artificial intelligence implementation.

Liaisons

Laura Adams

Senior Advisor, National Academy of Medicine

Laura Adams, Senior Advisor at the National Academy of Medicine (NAM), provides strategic guidance for the Science and Technology portfolio of the Leadership Consortium and leads the NAM's Artificial Intelligence Code of Conduct (AICC) national initiative. Her expertise is in digital health, the science of improvement, and human-centered care. Laura serves on the boards of Boston-based T2 Biosystems and TMA Precision Health; the Steering Committee of the Coalition for Health AI (CHAI); and the Oversight Council for the Massachusetts Center for Health Information and Analysis. She is a strategic advisor for Inflammix, a Burlingame, CA-based biotech company specializing in transcriptomics/host immune response diagnostics. Laura chaired the Institute of Medicine's (IOM) Planning Committee for the "Digital Infrastructure for Population Health and a Learning Healthcare System" initiative. She was a pioneer in statewide clinical data aggregation and exchange as the founding President and CEO of the Rhode Island Quality Institute (RIQI), established in 2002. Laura is recognized as a strategic leader of large scale multisectoral initiatives with a deep experience in and understanding of the complex U.S. health care system, including how the components function and interact. Laura was Founder, President and CEO of Decision Support Systems, a New York-based company specializing in Internet-based healthcare decision support. She has been a long-time faculty member of the Institute for Healthcare Improvement (IHI) in Boston. She directed the IHI Idealized Design of the Intensive Care Unit project and served as faculty in the VHA's ICU improvement collaborative and was the Principal Investigator on the RI Statewide ICU Collaborative. She was among the first to bring the principles of healthcare QI to the Middle East, in conjunction with Donald Berwick, MD and the Harvard Institute for Social and Economic Policy in the Middle East. She served as IHI faculty at the inaugural IHI Middle East Forum on Quality Improvement in Healthcare in Doha, Qatar. Laura has delivered conference keynotes in nearly every state in the union and in 13 foreign countries.

Tamára L. Box, PhD, FAMIA

Deputy Executive Director, Analytics and Performance Integration, Office of Quality and Patient Safety, Veterans Health Administration

Dr. Box is VHA Deputy Executive Director of Analytics and Performance Integrity (API). Dr. Box oversees operational responsibilities of API programs, which track staff productivity and health system performance, generate VHA and private hospital performance comparisons via Medicare Hospital Compare and CMS Star Ratings, and provide clinicians and managers with analytic tools and best practices to support improvements at all levels of the VHA health care delivery system. She is a principal advisor within VHA for analytic and data science efforts, including artificial intelligence, registries, and population health-based metrics. As a data scientist trained in clinical research and health information technology, her work has focused on development and implementation of integrated workflow solutions for clinical care such as the VA Clinical Assessment, Reporting, and Tracking (CART) Program, and advanced analytic reporting capabilities, such as the VA COVID-19 National Surveillance Tools.

Shawn Forrest, MS

Digital Health Specialist, Food and Drug Administration, U.S. Department of Health and Human Services

Shawn Forrest is a biomedical engineer digital health specialist at the Digital Health Center of Excellence at the Food and Drug Administration where he helps lead artificial intelligence technology assessment. He serves as FDA's liaison to the ISO/IEC JTC1 subcommittee 42 on Artificial Intelligence

and the IEC Technical Committee 62 Software Network and Artificial Intelligence Advisory Group.

Judy George, PhD

Lead, Quality Indicators Program
Division of Quality Measurement and Improvement
Center for Quality Improvement and Patient Safety
Agency for Healthcare Research and Quality

Dr. Judy George, Lead of the Quality Indicators Program at AHRQ, is a data science leader and health services research scientist with 10+ years of experience at the intersection of data, science, and technology across public and private organizations including International Business Machines (IBM), Cleveland Clinic Foundation, Booz Allen Hamilton, US Department of Veterans Affairs, US Department of Defense, and US Department of Health & Human Services. Dr. George's expertise includes real-world data analytics, quality & safety measures, and evaluating usability & technical performance of health technology. Dr. George is passionate about enhancing consumer health through the responsible use of data & AI. Within IBM's Watson Health Center for AI Research & Evaluation, Dr. George led scientific research including efforts to validate and assure data quality for AI-based algorithms. Dr. George received her PhD from Boston University, and her master's degree in health services administration & bachelor's degree in cognitive sciences from the University of Michigan. Dr. George completed a management residency at the Jefferson Health System and management fellowship at the Cleveland Clinic Foundation.

Michelle Schreiber, MD

Deputy Director of Center for Clinical Standards and Quality (CCSQ)
Director of the Quality Measurement and Value-based Incentives Group (QMVIG)
Centers for Medicare and Medicaid Services

Dr. Schreiber is currently the Director of the Quality Measurement and Value-Based Incentives Group at CMS. Dr. Schreiber is a general internal medicine physician with over 25 years of health care experience. Most recently, she was the Senior Vice President and Chief Quality Officer of Henry Ford Health System (HFHS) in Detroit, Michigan. Prior roles at HFHS included the Division Head of General Internal Medicine, and the SVP of Clinical Transformation and IT Integration, where she was the clinical lead of the systemwide Epic implementation. The Epic implementation and use earned HFHS a Davies Award in 2018. She has also held senior leadership roles at the Detroit Medical Center, where she was the Chief Quality Officer, and with Trinity Health System where she was the national system Chief Medical Officer and acting interim Chief Medical Information Officer.

In addition to her health system roles, Dr. Schreiber has served on numerous quality committees including Michigan Hospital Association statewide quality committee, and Board of Directors for the MHA Keystone Center and the Patient Safety Organization, the Board of Directors of MPRO (Michigan Peer Review Organization – the Michigan QIO), the Board of Directors of Health Alliance Plan insurance company, the National Quality Forum Patient Safety Metrics Committee, and the National Quality Partners. She has worked with the Institute for Healthcare Improvement (IHI) including as part of its Leadership Alliance, the Pursuing Equity initiative, and an initiative to enhance Board of Trustees engagement in quality through a partnership with IHI and National Patient Safety Foundation. Dr. Schreiber has also served as a member of the Epic Safety Forum, and the Cerner Academic Advisory Group.

Dr. Schreiber's interests are quality improvement, quality measures, and the intersection with electronic medical records to advance quality and quality measures.

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