

Assessment of AI to Develop Evidence and Guide Nutrition and Dietary Recommendations: A Webinar

Speaker Bios

Dr. Josh Anthony is the Founder and CEO of Nlumn, a B2B consulting firm specializing in personalized nutrition and health across the lifecycle. Through data-driven insights into personalized nutrition consumer behaviors and attitudes, Nlumn empowers clients to shape strategy and deliver evidence-based products, services, and experiences that drive growth. Before founding Nlumn, Josh was the founding Chief Science Officer at the personalized nutrition pioneer, Habit, and previously served as Vice President of Global Nutrition and Health at Campbell Soup Company. His earlier career includes leadership roles at Reckitt–Mead Johnson Nutrition and Unilever, as well as an adjunct faculty position in physiology at the Indiana University School of Medicine.

With over 25 years of experience spanning Fortune 500 companies and startups, Josh is a proven scientist, innovator, and entrepreneur. He has contributed to the development and launch of more than 150 science-based nutrition products and services, holds over 140 patents globally, and is widely recognized for translating complex science into practical health solutions. Josh serves as a trusted board member and advisor to companies, universities, and nonprofits across the food and nutrition sectors. He was named an Innovate 100 honoree, honoring top innovators in New Jersey and is a 2025 ACES Career Achievement Award recipient from the University of Illinois. Josh holds a B.S. in Biological Sciences from Carnegie Mellon University, an M.S. in Nutritional Sciences from the University of Illinois, a Ph.D. in Cell and Molecular Physiology from Penn State College of Medicine, and an M.B.A. from Vanderbilt University.

Innocent Clement, MD, MPH, MBA, is a trained physician, innovator and entrepreneur. He is the CEO and Founder of Ciba Health a digital therapeutic chronic disease reversal and a virtual care company. Dr. Clement is also co-founder and Chief Medical Officer of Innomas Clinical Research, a New York and West African-based healthcare solutions provider. Prior to founding Ciba, Dr. Clement served as CEO and Co-Founder of Kaia Health Inc., a digital therapeutic company which uses artificial intelligence and computer vision to create medicines that silence or turn off the genes that cause or contribute to disease. He led the company's initiatives in the US, including partnerships, clinical trials, regulatory submissions, and expansion across North America. He is also a board member at CUNY Graduate School of Public Health and Health Policy, where he contributes his expertise and vision to advance public health education and research. Innocent is passionate about using technology and innovation to improve health outcomes and quality of life for people with chronic and metabolic conditions.

*Standing Committee on Evidence Synthesis and
Communications in Diet and Chronic Disease Relationships*

Dr. Nira Goren leads Google's Food is Medicine program, empowering individuals to achieve better health and environmental sustainability through food. It is built upon three strategic pillars: improving the quality of nutrition information, increasing access to nutrient dense food, and fostering culinary skills. Dr. Goren also drives Google's broader Health Information Quality efforts, where she guides a clinical team dedicated to ensuring the highest standards of health information across products like Gemini, Search, and YouTube. A Stanford-trained pediatrician by background, Dr. Goren previously worked at Google DeepMind on clinician-facing product strategy and as a consultant to leading healthcare organizations with the Boston Consulting Group.

Hannah Kittrell is a 5th-year PhD Candidate in Biomedical Artificial Intelligence (AI) at the Icahn School of Medicine at Mount Sinai. As a member of the Augmented Intelligence in Medicine and Science (AIMS) lab, Hannah's research intersects nutritional epidemiology, precision nutrition, and machine learning. Motivated by the challenges researchers face in dietary pattern analysis, she is developing unsupervised learning methods to model dietary patterns and derive objective, multi-omics markers of dietary intake. As a Registered Dietitian, Hannah brings a unique clinical perspective to computational research. Her work aims to advance the prevention of cardiometabolic diseases by facilitating a shift from population-based to personalized health recommendations.

Prior to her doctoral studies, she served as the Director of the Mount Sinai Physiolab and as a Research Dietitian at the Charles Bronfman Institute for Personalized Medicine, where she led clinical metabolic phenotyping studies to understand genetic and physiological drivers of obesity. Hannah serves as Secretary of the Academy of Nutrition and Dietetics' (AND) Nutrition Informatics dietetic practice group and on the AND/American Society for Nutrition Artificial Intelligence in Nutrition Research Taskforce. Through this professional service, she hopes to play a role in how AI is integrated into nutrition practice.

Samantha Kleinberg is the Farber Chair Professor of Computer Science at Stevens Institute of Technology. She received her PhD in Computer Science from New York University and was a Computing Innovation Fellow at Columbia University in the Department of Biomedical Informatics. She is the author of *Causality, Probability, and Time* (Cambridge University Press, 2012) and *Why: A Guide to Finding and Using Causes* (O'Reilly Media, 2015). Her lab investigates the use of AI for better health decision-making, with a particular focus on diabetes and nutrition. She has developed methods to detect meals from CGM data, improve BG forecasting, simulate realistic glucose data, and has investigated the role of nutrition in gestational diabetes. Dr. Kleinberg leads

*Standing Committee on Evidence Synthesis and
Communications in Diet and Chronic Disease Relationships*

the Causal Relationship Disentangler project within the NIH's Nutrition for Precision Health Consortium.

Matthew Lange. As CEO and Chief Science Officer of the International Center for Food Ontology Operability Data and Semantics (IC-FOODS), Dr. Lange leads global efforts to build semantic and AI cyberinfrastructures for the emerging Internet of Food (IoF). Spanning the ag⇌food⇌diet⇌health knowledge continuum, IoF infrastructures based on internet of things and semantic web standards, hold promise to fundamentally alter the way we produce, process, deliver and consume food: giving rise to ecosystems of next-generation knowledge tools that lower technical innovation barriers for creation of foods, products, medicines, and lifestyle regimens: precisely personalized for health and delight—yet aggregatable for population health improvement and market analyses. Prior to leading IC-FOODS, Dr. Lange held faculty teaching and research positions at the UC Davis Food Science Department where he taught several classes including Food Product Development, and in the UC Davis in the graduate program in Health Informatics at the UC Davis School of Medicine where he taught several graduate-level database and knowledge engineering classes. Dr. Lange completed his PhD in Food Science Biochemistry in 2013 at UC Davis, followed by a Postdoc in Physical Medicine and Rehabilitation at the UC Davis School of Medicine. Prior to returning to the academy for graduate work, Dr. Lange held database architecture and technology management positions across sectors and software he has developed continues to support millions of daily users. Dr. Lange also holds a Bachelor of Science in Community Nutrition and International Development—also from UC Davis.

Aaron Y. Lee, MD MSCI, is the Chair of the John F. Hardesty Department of Ophthalmology & Visual Sciences at Washington University in St. Louis, and Arthur W. Stickle Distinguished Professor of Ophthalmology. He completed his undergraduate at Harvard University and his medical training at Washington University. He chairs the American Academy of Ophthalmology Information Technology Steering Committee and serves on the editorial boards for several prestigious journals.

Dr. Lee has published over 250 peer-reviewed manuscripts and is known as a leader in the field of artificial intelligence and ophthalmology. His research is focused on translating novel computation techniques in machine learning to uncover new disease associations and mechanisms from routine clinical data including electronic health records and imaging.

*Standing Committee on Evidence Synthesis and
Communications in Diet and Chronic Disease Relationships*

Debra JH Mathews, PhD, MA, is the Associate Director for Research and Programs for the Johns Hopkins Berman Institute of Bioethics, and a Professor in the Department of Genetic Medicine, Johns Hopkins University School of Medicine. Within the [Institute for Assured Autonomy \(IAA\)](#), Dr. Mathews serves as the Ethics & Governance Lead. In this role, she leads work focused on the ethical, societal, and governance implications of autonomous systems, and identifies opportunities across IAA for the integration of ethics and governance work and priorities.

Dr. Mathews's academic work focuses on ethics and policy issues raised by emerging technologies, with particular focus on genetics, stem cell science, neuroscience, synthetic biology, and artificial intelligence. She has been an active member of the [International Neuroethics Society](#) since 2006, has been on the Society's Board of Directors since 2015, and is currently serving as President of the Society. In addition to her academic work, Dr. Mathews has spent time at the Genetics and Public Policy Center, the US Department of Health and Human Services, the Presidential Commission for the Study of Bioethical Issues, and the National Academy of Medicine working in various capacities on science policy.

Dr. Mathews earned her PhD in genetics from Case Western Reserve University, as well as a concurrent Master's in bioethics. She completed a Post-Doctoral Fellowship in genetics at Johns Hopkins, and the Greenwall Fellowship in Bioethics and Health Policy at Johns Hopkins and Georgetown Universities. She is also a former Greenwall Faculty Scholar.

Justin Wu, MD, is the Vice President, Clinical Innovation and Quality for Omada Health, a virtual-first healthcare provider that utilizes compassionate intelligence to care for individuals living with obesity, cardiometabolic disease, and musculoskeletal issues. In his role, he oversees the team of Omada's clinical experts working alongside product and engineering squads in building and improving the program experience. He is also responsible for the clinical quality and health equity of the care provided through Omada's programs.

Dr. Wu is a family physician with a primary care background serving in urban, underserved communities and FQHCs. He's passionate about leveraging technology, data and thoughtful design to augment human-centered care and to create a healthcare system that works for everyone.