

Communication to Bridge the Gap Between Food Production and Nutrition and Health: A Workshop

Committee

Bruce Y. Lee

Chair

Bruce Y. Lee, M.D., M.B.A. is a Professor of Health Policy and Management at the City University of New York (CUNY) School of Public Health where he is the Executive Director of the Center for Advanced Technology and Communication in Health (CATCH). Dr. Lee is also the Executive Director of PHICOR (Public Health Computational and Operations Research), which he founded in 2007, and the founder and CEO of Symsilico, which develops and uses computational methods, models, and tools to help decision-making. His previous positions include serving as Professor by Courtesy at the Johns Hopkins Carey Business School, Associate Professor of International Health at the Johns Hopkins Bloomberg School of Public Health, Executive Director of the Global Obesity Prevention Center (GOPC), Director of Operations Research at the International Vaccine Access Center (IVAC), Associate Professor at the University of Pittsburgh, Senior Manager at Quintiles Transnational, working in biotechnology equity research at Montgomery Securities, and co-founding Integrigen. Dr. Lee is a systems modeler, computational and digital health expert, writer, and health journalist. He has over two decades of experience in industry and academia developing mathematical and computational models to assist a wide range of decision makers in health and public health. He has been the Principal Investigator for projects supported by a variety of organizations and agencies and has served as a systems science and modeling expert for numerous advisory boards and committees such as the National Academies of Sciences, Engineering, and Medicine committee to evaluate the Dietary Guidelines for Americans process. Dr. Lee has written extensively for the general media. He is a Senior Contributor for Forbes, covering a wide range of health-related topics including medicine, wellness, digital health and the business of health and having written over 1,200 articles. His writing has also appeared in a number of other media outlets including The New York Times, Time, The Guardian, the HuffPost, and the MIT Technology Review. Dr. Lee received his B.A. from Harvard University, M.D. from Harvard Medical School, and M.B.A. from the Stanford Graduate School of Business. He completed his internal medicine residency training at the University of California, San Diego.

Lorraine Brennan

Member

Lorraine Brennan, Ph.D is a Full Professor of Human Nutrition in University College Dublin, Ireland. Professor Brennan is at the forefront of nutrition and metabolomics research, running the Nutrition, Biomarkers, and Health research group, obtaining considerable National and European research funding and publishing high impact peer-reviewed articles. Her research focuses on developing novel biomarker methods to assess dietary intake and to combine biomarker approaches with self-reported data. She also has a focus on development of precision nutrition. Recent funding successes have included a European Research Council (ERC) Consolidator Award and US-Ireland tripartite grant. She is involved in a number of European consortia such as FoodBall and SusFood. Professor Brennan was a member of the EU Food2030 Expert group which assisted the European Commission with the development of FOOD2030 and explored possible future R&I policy recommendations and actions cumulating with a published report. Professor Brennan is Editor in Chief of Nutrition and Metabolism and Associate Editor for the American Journal of Clinical Nutrition. She has published over 180 research articles. She has an active public engagement programme engaging with the local community in terms of food and nutrition.

Susan C. Scrimshaw

Member

Susan C. Scrimshaw (NAM), Ph.D. is past President of Russell Sage College, Troy and Albany, NY. Previous positions include President of Simmons College, Boston, Massachusetts, Dean of the School of Public Health at the University of Illinois at Chicago, and Associate Dean of Public Health and Professor of Public Health and Anthropology at the University of California at Los Angeles. She currently serves on the Board of Directors of the non-profit Capital District Physicians' Health Plan (CDPHP) in Albany, New York. She recently Chaired the National Academy of Sciences Committee on Birth Settings, and co-edited the report Birth Settings in America: Outcomes, Quality, Access and Choice (National Academies Press 2020). She is also lead editor for the second edition of The Handbook of Social Studies in Health and Medicine, to be published in 2021 by Sage Publications, London. Her research includes community participatory research methods, combining qualitative and quantitative research methods, health disparities, pregnancy outcomes, health communication, and culturally appropriate delivery of health care. When she was elected to the National Academy of Medicine (NAM) in 1993, she and her father, Dr. Nevin S. Scrimshaw, became the first father/daughter members of the NAM. She is a fellow of the American Association for the Advancement of Science and the American Anthropological Association. She served on the Chicago and Illinois State Boards of Health and the New York State Minority Health Council. She is past president of the board of the U.S.-Mexico Foundation for Science and of the Society for Medical Anthropology, and former chair of the Association of Schools of Public Health. She was a member of the board of governors of the US-Mexico Foundation for Science (FUMEC) for 10 years, and served as board president for 3 of those years. Her honors include the Yarmolinsky Medal, given by the National Academy of Medicine for distinguished service, the Margaret Mead Award from the American Anthropological Association, and a Hero of Public Health gold medal awarded by President Vicente Fox of Mexico. Dr. Scrimshaw lived in Guatemala until age 16. She speaks Spanish, French and Portuguese. She obtained a Ph.D. in anthropology from Columbia University.

Payam Vahmani

Member

Payam Vahmani, PhD, is an Assistant Professor in the Department of Animal Science at University of California-Davis (UC Davis). His research focus is on using animal nutrition and management to improve the nutritional value of animal sourced foods, with emphasis on enrichment of bioactive fatty acids and testing their health effects in rodent models for obesity and type-2 diabetes. Dr. Vahmani completed his Ph.D. in Animal Nutrition at Dalhousie University, Canada. He joined the faculty at UC Davis in 2019 after completing a Natural Sciences and Engineering Research Council of Canada (NSERC) postdoctoral fellowship studying the enrichment of bioactive fatty acids in red meat at Agriculture and Agri-food Canada (USDA equivalent). He is an editorial board member for Meat Science and has published 40+ papers, many in the field of enhancement of fatty acid composition in beef and dairy products.

Linda V. Van Horn

Member

Linda V. Van Horn is Professor and Chief, Nutrition Division, Department of Preventive Medicine, Feinberg School of Medicine, Northwestern University in Chicago. She is a clinical nutrition epidemiologist focusing on primary prevention of cardiometabolic and other chronic diseases beginning in utero and throughout the life course. Multi-center collaborative trials include the Diet Intervention Study in Children (DISC), the Women's Health Initiative (WHI) and the International Study of Macro/Micronutrient Intake and Blood Pressure (INTERMAP). Ongoing work involves DASH diet intervention in children born among mothers with overweight/obesity (MOMFIT) designed to prevent excessive gestational weight gain (KIDFIT). Current work involves the Nutrition for Precision Health (NPH) as one of the 6 clinical centers involved in this major NIH initiated research. Dr. Van Horn was editor of the Journal of the Academy of Nutrition and Dietetics from 2003-2013. She chaired the 2010 US Dietary Guidelines Advisory Committee (DGAC) and served on the 2020 US DGAC. She chaired several NIH Task Forces and Workshops including the National Heart, Lung and Blood Institute Workshop on Medical Nutrition Education. She is an active member of the American Heart Association Nutrition Committee. She is a member of the NASEM Standing Committee on Evidence Synthesis and Communication in Diet and Chronic Disease Relationships. Her undergraduate training was in Nutrition and Dietetics at Purdue, her master's degree is in exercise physiology from the University of Pittsburgh and her doctoral work at the University of Illinois, Chicago.