

Webinar Speakers

Webinar 2: Methods for Dietary Assessments in Children 2-5

Andrea S. Anater, Ph.D., is a senior public health nutrition researcher at RTI International and adjunct professor of Nutrition at the Gillings School of Global Public Health at the University of North Carolina at Chapel Hill. As a behavioral scientist, she focuses on behavioral, cultural, and environmental factors and social constructs that influence health behavior change, particularly as they relate to nutrition-related chronic disease prevention and food insecurity. In her work, she strives to integrate her knowledge of health disparities and training in knowledge translation to advance health and health equity. Dr. Anater leads interdisciplinary, multi-institutional research teams. Recently, she led two large-scale, national studies of children's eating patterns in the United States and Brazil. Before joining RTI, Dr. Anater was a National Institutes of Health (NIH)–National Heart, Lung, and Blood Institute predoctoral fellow and a Center for a Livable Future at Johns Hopkins Bloomberg School of Public Health where she investigated food insecurity, and performed nutrition-related programming and policy research at the Rutgers University Department of Nutritional Sciences and at Mathematica Policy Research, Inc. Among her accomplishments, Dr. Anater was awarded the Johns Hopkins Minority Health Award and served as Visiting Scholar at the RIDGE Center for National Food and Nutrition Assistance Research at the University of Wisconsin, Madison. Dr. Anater has an M.P.H from Rutgers University School of Public Health, an M.A. from Columbia University, and a Ph.D. from Johns Hopkins Bloomberg School of Public Health.

Nicholas Horton, Sc.D., is Beitzel Professor of Technology and Society (Statistics and Data Science) at Amherst College. He teaches courses in statistics, data science, and related fields and is passionate about improving quantitative and computational literacy for students with a variety of backgrounds and has worked to deepen engagement and mastery of higher-level concepts and data acumen. As an applied biostatistician, Dr. Horton's work is based squarely within the mathematical and computational sciences, but spans other fields in order to ensure that research is conducted on a sound footing. The real-world research problems that these investigators face often require the use of novel solutions and approaches, since existing methodology is sometimes inadequate. Bridging the gap between theory and practice in interdisciplinary settings is often a challenge, and has been a particular focus of Dr. Horton's work in missing data methods and longitudinal regression. Dr. Horton is the chair of the NASEM Committee on Applied and Theoretical Statistics (CATS), served as the Chair of the Committee of Presidents of Statistical Societies, as a member of the NASEM Roundtable on Data Science Postsecondary Education, and was a member of the NASEM Data Science for Undergraduates consensus study. Dr. Horton has published more than 180 papers in statistics and biomedical research and four books on statistical computing and data science. He has been the recipient of a number of teaching

awards and the American Statistical Association Founders Award. Dr. Horton is a Fellow of the American Statistical Association and the American Association for the Advancement of Science. He earned his A.B. from Harvard College and his Sc.D. in biostatistics from the Harvard School of Public Health.

Susan Johnson is a tenured Professor of Pediatrics, Section of Nutrition, at the University of Colorado Anschutz Medical Campus. Dr. Johnson is an internationally recognized expert in early childhood nutrition, specifically the impact of the environment on the development of children's eating behaviors and growth. She has received continuous federal funding for over 25 years and has written more than 150 refereed journal articles, proceedings, and chapters. The Children's Eating Laboratory, under her direction, currently focuses its investigations on: 1) the impacts of family eating and child-feeding strategies on young children's eating behavior and growth; 2) complementary feeding practices for infants and toddlers; and 3) assessment of children's dietary intake.

Linda V. Van Horn, Ph.D., R.D. is Professor and Chief, Nutrition Division, Department of Preventive Medicine, Feinberg School of Medicine, Northwestern University in Chicago. She is a clinical nutrition epidemiologist whose research focuses on primary prevention of cardiometabolic and other chronic diseases beginning in utero and continuing throughout the lifecourse. Her research involvement included the study of Cardiovascular Risk Development in Young Adults (CARDIA), the Multiple Risk Factor Intervention Trial (MRFIT), and the Hispanic Community Health Study/Study of Latinos (SOL) and in SOL Youth. As principal investigator she served on several multi-center collaborative trials, including the Diet Intervention Study in Children (DISC), the Women's Health Initiative (WHI) and currently the International Study of Macro/Micro Nutrient Intake and Blood Pressure (INTERMAP). She is also studying DASH diet intervention among the offspring of mothers with overweight/obesity recruited from MOMFIT, a randomized clinical trial preventing excessive gestational weight gain. Dr. Van Horn served as 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 recently served on the 2020 US DGAC. She chaired /served on several NIH task forces and workshops including the National Heart, Lung and Blood Institute's Workshop on Medical Nutrition Education. She is an active member of the American Heart Association's Council on Epidemiology and Lifestyle specifically serving on the Nutrition Committee. Dr. Van Horn did her undergraduate training in nutrition and dietetics at Purdue, her doctoral work at the University of Illinois, Chicago involving adolescent blood pressure response to a sodium restricted diet.