



Tuesday, April 20, 8:30-10:30 am US Eastern Time

Session 5 – Considerations for Implementing Globally Harmonized Nutrient Reference Values (NRVs) – Session Sponsored by ASN (American Society for Nutrition)

Session Co-Chairs: **Connie Weaver**, PhD, Purdue University Distinguished Professor Emerita & CEO Weaver and Associates Consulting LLC., United States and **Emorn Udomkesmalee** (PhD, Institute of Nutrition, Mahidol University, Thailand & Bloomberg School of Public Health, Johns Hopkins University, United States)

Biography: **Dr. Connie Weaver** is a Distinguished Professor Emerita of Nutrition Science at Purdue University, Indiana and CEO of Weaver and Associates Consulting, LLC. She is an elected member of The National Academies of Science, Engineering, and Medicine and a fellow of the American Nutrition Society, the Institute of Food Technologists, the American College of Nutrition, the American Heart Association, and the American Society of Bone and Mineral Research. She is on the Science Advisory Boards of FDA, the California Prune Board, California Walnut Board, and Produce for Better Health (PBH) Foundation. Dr. Weaver is past president of the American Society for Nutrition.



Biography: **Dr. Emorn Udomkesmalee** is the Senior Advisor and Former Director of the Institute of Nutrition, Mahidol University, Thailand, as well as Adjunct Associate Professor in Bloomberg School of Public Health, Johns Hopkins University. She is currently the Board Chair of the International Food Policy Research Institute (IFPRI); Board member of the Micronutrient Forum as well as Sight and Life Foundation; and Scientific Director of ILSI South East Asia.



1. **Introduction to the Session, Connie Weaver**, PhD, Purdue University Distinguished Professor Emerita & CEO Weaver and Associates Consulting LLC., United States
2. **The Current Status of Developing Harmonized NRVs, Lindsay Allen**, PhD, USDA ARS Western Human Nutrition Research Center, University of California, Davis, United States

Abstract: In the past few years there has been increasing awareness that Nutrient Reference Values need to be substantially updated across many countries, regions and organizations. To support this potentially time-consuming and very expensive process, consensus is developing on the model and methods that should be used, including the option of modifying previously published values to local conditions. Additionally, a set of harmonized values is now available based primarily



on existing values from the National Academies of Science, Engineering and Medicine (NASEM) and the European Food Safety Authority (EFSA). Efforts were made to fill existing gaps in recommendations including the critically important Average Intake values.

Biography: **Lindsay H. Allen**, Ph.D., is a Research Physiologist and former Director of the USDA ARS Western Human Nutrition Research Center (WHNRC) in Davis, California. Dr. Allen studies the prevalence, causes and consequences of micronutrient deficiencies, primarily in developing countries, using randomized, controlled human trials testing micronutrient supplements, food fortification, and food-based approaches to improve nutritional status, pregnancy outcome, child development, and most recently, breast milk composition, as described in her ≈350 publications. Dr. Allen served as President of the Society for International Nutrition Research, is currently President of the American Society for Nutrition, and received many national and international awards.



3. Regulation and Labeling Considerations for Implementing Harmonized NRVs, **Anna Lartey**, PhD, University of Ghana, Ghana

Abstract: The rising prevalence of overweight and obesity globally has led to calls for food systems transformation to deliver on healthy diets and improved nutrition. Among other actions, this would require that consumers are empowered with nutrition information to be able to make appropriate food choices. Food labelling is employed by countries to convey information about food products to consumers. A key component of food label information is the nutrient content and the health claims that accompany the nutrient content. For governments to monitor and enforce labelling policies, they need evidence-based Nutrient reference Values (NRV). Countries must also meet labelling standards of the international markets. This presentation will address food labelling policy implementation and especially how harmonized NRV can provide a common standard to facilitate implementation within and among countries.

Biography: **Anna Lartey** is currently a Professor of Nutrition at the University of Ghana. She was the Director of Nutrition and Food Systems Division at the Food and Agriculture Organization of the United Nations, Rome, Italy from October 2013 to December 2020, where she led FAO's work on Food Systems for Nutrition. While at FAO she provided guidance on FAO's scientific advice to Codex Committee on Nutrition for Special Dietary Uses (CCNFSDU). She served for 9 years on the Ghana delegation to CCNFSDU. Anna Lartey has received several honours, including a Doctor of Science, honoris causa from McGill University in June 2018.

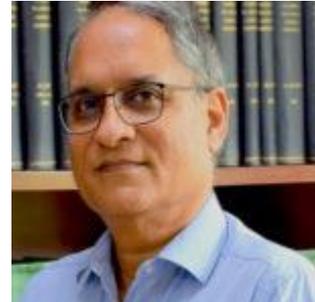




4. **A Case Study of NRV Development and Implementation, Anura Kurpad**, PhD, St John's Medical College, Bangalore, India

Abstract: India recently came out with NRV's for the Indian population. The process followed will be briefly described, including how we attempted harmonization of the final NRV's. Next, the implications of the NRV's in India will be described: how this impacts fortification and supplementation policies. Gaps will be addressed.

Biography: **Anura Kurpad** is Professor of Physiology and Nutrition at St John's Medical College, Bangalore. He chairs the Scientific Advisory Group of the Nutrition Division of the ICMR (Indian Council of Medical Research) and the ICMR Expert Committee on the NRV of Indians. He is also a member of the Apex Scientific Committee of the FSSAI (Food Standards and Safety Authority of India). His interests are in human protein and energy requirements, and he has begun to engage with micronutrient metabolism and requirements.



5. **Implementing Globally Harmonized NRVs Moderated Panel Discussion** – Moderator: **Connie Weaver**; Panelists: **Lindsay Allen**, **Anna Lartey**, **Anura Kurpad** and **Emorn Udomkesmalee**.