

WHO Guideline Development Group – Food Fortification with Micronutrients

Name	Gender	Region/Country	Expertise
Dr Ayed Amr	Male	EMRO/Jordan	Food science – expertise in cereal and oil chemistry
Dr Salima Ali Rashid Almamary	Female	EMRO/Oman	Multi-sectoral coordination for nutrition policies; population-based surveys and assessments; nutrition and health promotion activities
Professor Mette Berger	Female	EURO/Switzerland	Guideline development (clinical nutrition), medical economics, nutrition
Dr Rukhsana Haider	Female	SEARO/Bangladesh	Medicine and public health nutrition. Expertise in breastfeeding, complementary feeding, and maternal and adolescent nutrition and health; capacity-building on counselling and nutrition
Dr Maria Elena del Socorro Jefferds	Female	AMRO/USA	Behavioural science; population-based surveys and assessments; surveillance; and the design, monitoring and evaluation of micronutrient and nutrition programmes
Mr Phillip Joseph Makhumula-Nkhoma	Male	AFRO/Malawi	Food fortification - Development of Monitoring and evaluation tools for food fortification, development, and review of national fortification standards, capacity

			assessment and strengthening
Professor Dalip Ragoobirsingh	Male	AMRO/Jamaica	Medical biochemistry, Diabetes, Non-communicable diseases
Professor C Murray Skeaff	Male	WPRO/New Zealand	Fats & fatty acids, Biomarkers, Diet & health, Human nutrition. Experience in vitamin D research. Part of other WHO guidelines development groups on total fat, saturated fatty acids, trans-fatty acids
Ms Rusidah Selamat	Female	WPRO/Malaysia	Programme planning, development and evaluation for nutrition promotion, surveillance and rehabilitation
Ms Ayodele Elizabeth Tella	Female	AFRO/Nigeria	Experience in Large scale food fortification programme implementation, operational aspects, regulatory compliance

Dr Ayed Amr is a Professor at the Department of Nutrition and Food Technology, Faculty of Agriculture, University of Jordan. He received his PhD in Food science and technology from Louisiana State University, USA in 1981. He has research experience in flour fortification, fats and oil processing and chemistry. He has authored several publications in peer-reviewed journals and books.

Dr Salima Ali Rashid Almamary is the Director of Nutrition, Ministry of Health, Oman. She has a bachelor's degree in health science (1996) and is a Medicine Doctor (1999) from Sultan Qaboos University, Oman. Her areas of expertise include multi-sectoral coordination for nutrition policies; population-based surveys and assessments; Nutrition and health promotion activities. She is the Focal point for unhealthy diet committee, National coordinator, and investigator for Oman National Nutrition Survey (2017) and currently working with WHO and Al jistr Foundation for national nutrition campaign for promoting breast feeding and reduction of consumption of salt, sugar and fat in the community. She is a Member of the Royal College of General Practitioners and the American Nutrition society.

Professor Mette Berger is honorary professor at the University of Lausanne - Faculty of Biology & Medicine, Switzerland. With more than 30 years of experience in Intensive Care Medicine, she received her M.D. degree from Lausanne School of Medicine in 1989, and her medical PhD from the University of Umeå-Sweden in 1996. Dr Berger completed her residency in Anaesthesiology and in Intensive Care Medicine at the CHUV. She is trained as a nutritionist in Nancy-France. She has contributed to the development of personalized nutrition guided by indirect calorimetry determination of energy needs. She has authored more than 270 papers in peer-reviewed journals, numerous papers in preparation, 45 book chapters and 1 Book titled Nutrition for Non-nutritionists.

She is the Head of the ESPEN micronutrient guideline group 2019-2022. Prof. Berger lectures nationally and internationally in antioxidant support, clinical nutrition and burn care.

Dr Rukhsana Haider is the Chairperson, Training and Assistance for Health and Nutrition Foundation (TAHN), Dhaka, Bangladesh. She has professional experience of working at national, regional and international levels with the World Health Organization (WHO), United Nations Children's Fund (UNICEF), International Centre for Diarrhoeal Disease Research, Bangladesh (icddr,b), John Snow Inc. (JSI), and other international non-government organizations, ranging from providing technical support for formulating policies, to programme conceptualization and implementation. She has also served on technical advisory committees for WHO, UNICEF, Alive & Thrive, Helen Keller International and Yale University, USA. She is an international trainer and past national assessor for the WHO/UNICEF 40 hours Breastfeeding Counselling Course and the Infant and Young Child Feeding Course, and the Baby-friendly Hospital Initiative (BFHI). She is the Co-Chair for the World Alliance for Breastfeeding Action (WABA) and former Chair of the Civil Society Alliance for Scaling Up Nutrition, Bangladesh. Dr Haider has contributed to the development of multiple WHO guidelines on essential nutrition actions and has several publications in peer-reviewed journals to her credit. She also serves as Adjunct Faculty with University of Toronto, Canada and Macquarie University, Sydney, Australia.

Dr Maria Elena del Socorro Jefferds is the Team Lead of the International Micronutrient Malnutrition Prevention and Control Program (IMMPaCt) in the Division of Nutrition, Physical Activity and Obesity (DNPAO) at the Centers for Disease Control and Prevention (CDC). She started at CDC in 2001 as an Epidemic Intelligence Service (EIS) Officer assigned to the IMMPaCt program and has held various scientific positions in DNPAO. In her current role, she serves as an internationally recognized expert and advisor to CDC staff and national and international partners in planning, developing, and/or evaluating nutrition and micronutrient programs or projects. Prior to working at CDC, she spent eight years conducting nutrition and health focused applied research in international and domestic settings. She received her PhD in Medical Anthropology (focused on nutritional anthropology) and has a broad range of national and international experience. Her areas of expertise include behavioral science; population-based surveys and assessments; surveillance; and the design, monitoring and evaluation of micronutrient and nutrition programs. She has contributed to the development of multiple guidelines on food fortification and other essential nutrition actions.

Mr. Phillip Joseph Makhumula-Nkhoma is an independent consultant with experience in development of standards, quality assurance and quality control for fortified foods. He has experience in developing guidelines on internal and external monitoring for the fortification of edible oil and laboratory testing methods for Vitamin A in fortified oil. He declared, having worked in the past for WFP, GAIN, FAO, FFI, Technoserve, NI, UNICEF, USAID, HKI.

Professor Dalip Ragoobirsingh works at the University of the West Indies as Professor - Medical Biochemistry and Diabetology and Director - UWI (Mona) Diabetes Education Programme. He received his PhD from the University of the West Indies in 1991 and FRSPH (2009) from The Royal Society for Public Health, London, United Kingdom. He has several publications to his credit including books, book chapters, monographs, original peer reviewed articles, abstracts, technical reports, research based scholarly publications and papers. He has contributed to the development of multiple WHO guidelines on food fortification and other essential nutrition actions.

Professor C Murray Skeaff – is an Emeritus Professor at the Department of Human Nutrition, University of Otago, New Zealand. His areas of expertise include Fats & fatty acids, Biomarkers, Diet & health, Human nutrition. He has experience in vitamin D research which includes population assessment of vitamin D status as well as in conducting a few small randomised controlled trials of vitamin D supplementation. He also has a long-standing involvement in research relevant to folic

acid fortification of foods, randomised controlled trials of folate, and monitoring folate status of populations. He is a member of the WHO Nutrition guidance expert advisory group (NUGAG) Subgroup on Diet and Health

Ms Rusidah Selamt currently serves as a Deputy Director in charge of Nutrition Policy and Planning at the Nutrition Division, Ministry of Health, Malaysia where she leads multiple teams of programme planning, development and evaluation especially for nutrition surveillance, global nutrition as well as national coordination of food and nutrition. Within her more 30 years of working experience in the field of nutrition, she was previously the Deputy Director for Nutrition Operation at the Ministry of Health Malaysia, a senior state nutritionist in several states and a researcher at the Institute for Public Health, Kuala Lumpur. She is also actively involved in various national and regional nutrition committees. At present, she is the chairperson of the Malaysian Food Composition Database project. She was previously the chairperson for Technical Working Group for Nutrition Promotion and Nutrition Research under the National Coordinating Committee for Food and Nutrition. She has been a member of the WHO Guideline Development Group – nutrition actions since 2013 and has contributed to several guidelines on fortification. In 2014, she was awarded as a Fellow from the Nutrition Society of Malaysia.

Ms Ayodele Elizabeth Tella is the Country Manager - Large Scale Food Fortification Programs at TechnoServe Nigeria, overseeing the activities of the country team, working closely with industry leaders (Edible Oil, Sugar, and Wheat Flour), and operation managers to improve the competitiveness and compliance of food processors in Nigeria, to achieve the program's objective of increasing fortification compliance. She has around 15 years of experience in different capacities both in the private sector, and development sector. She is a Bachelor of technology in Biochemistry from the Federal University of Technology, Minna and completing her MBA from University of Nexford. She represents TechnoServe nationally, engaging with potential partners and stakeholders: processors, government institutions, regulators, technical industry experts, service providers and related agencies. She has participated as a technical committee member in the curation of the Nigeria Industrial Standards and revisions for Fortification of wheat flour in Nigeria in 2015. She has also contributed as part of the working group on the revision of the National guidelines on micronutrients deficiencies control in Nigeria.