

Food Aid Research: Update on Food Aid for Preventing and Treating Undernutrition



Patrick Webb is the Alexander McFarlane Professor of Nutrition at the Friedman School of Nutrition Science and Policy at Tufts University. As Chief of Nutrition in World Food Programme (2003-2006), he oversaw programs in 30 countries and played a key role in organizing response to food and nutrition needs in many emergencies. This underscores Prof. Webb's globally recognized leadership in defining policies and actions relevant to food aid. Prof. Webb is also the Director of the Nutrition Innovation Lab, which generates empirical findings relevant to USAID programming in agriculture, health, and nutrition. Oxfam Great Britain and Tufts to increase the use of evidence-based research in humanitarian policy and practice. That activity produces systematic reviews of topics on humanitarian action. Prof. Webb was one of the core authors in the 2013 Maternal and Child Health Lancet Series.



Kim Fleischer Michaelsen, M.D., Dr. Med. Sci. is professor in Paediatric Nutrition at Department of Nutrition, Exercise and Sports, Faculty of Science, University of Copenhagen. He has established the research group: Paediatric and International Nutrition at department of Nutrition, Exercise and Sports. The group has projects in Denmark, Ethiopia, Cambodia, Kenya and Uganda. The focus of his research include: The effects of breastfeeding and complementary feeding on growth, development and risks of diseases later in life, both in high and low-income countries, early prevention of obesity, the role of cow's milk in prevention and treatment of MAM and SAM. Studies have also included effects of nutrition on linear growth, body composition, microbiota, physical activity and cognitive development. He is advisor to the Danish Health Authority on IYCF and has been temporary advisor and consultant for WHO on several aspects of IYCF.



Steve Collins is a medical doctor with a doctorate in nutrition who started working in emergency relief in 1985. He developed Community based Management of Acute Malnutrition (CMAM) in 1998 and has been the central figure behind the development and expansion of CMAM using Ready to Use Foods (RUFs), and the acceptance of these innovations by the World Health Organisation. In 2001, he received a Member of the Most Excellent Order of the British Empire (MBE) for his services to humanitarianism. He is a senior Ashoka Fellow and a founders and director of Valid International and Valid Nutrition.



Kathryn Dewey is a Distinguished Professor in the Department of Nutrition and Director of the Program in International and Community Nutrition at the University of California, Davis. Her research focuses on maternal and child nutrition, including clinical and community-based research in the United States, Mexico, Costa Rica, Honduras, Guatemala, Peru, Ghana, Malawi, and Bangladesh. Her professional service includes extensive consultation for national and international organizations, and serving as President of the Society for International Nutrition Research and of the International Society for Research on Human Milk and Lactation. She is currently a member of the U.S. Food and Nutrition Board and the Board of Directors for the Global Alliance for Improved Nutrition.



Saskia de Pee has worked in public health nutrition for more than 20 years, focusing on science as well as practical applications, policies and strategies. The practical application of nutrition science, at the interface with disciplines such as food technology, anthropology, economics, and in collaboration with stakeholders from government, private sector, donors and academia to achieve sustainable solutions is her passion. She works for the Nutrition Division of the United Nations World Food Programme (WFP) where she currently leads the 'Fill the Nutrient Gap' team. Dr de Pee is also Adjunct Associate Professor at the Friedman School of Nutrition Science and Policy, Tufts University and at Nutrition and Health Division, Wageningen University. She edited the just published third edition of Nutrition and Health in a Developing World. Prior to joining WFP in 2007 she worked for Helen Keller International in the Asia Pacific region for 10 years. She has co-authored more than 150 scientific publications and holds a PhD in Nutrition from Wageningen University, the Netherlands.



Bea Rogers is Professor of Economics and Food Policy at the Friedman School of Nutrition Science and Policy at Tufts University. Her research focuses on economic determinants of household food consumption, including price policy and food aid. Her current research assesses the effectiveness and cost-effectiveness of alternative supplementary foods for the treatment and prevention of moderate acute malnutrition in children, based on field studies in three sub-Saharan African countries. She recently completed a multi-country study in Bolivia, Honduras, and India, on how the benefits of food assistance programs can be made sustainable after the programs are closed. She has worked in South and East Asia, Central and South America, and North and Sub-Saharan Africa. Dr. Rogers received her PhD from the Florence Heller School for Advanced Studies in Social Welfare Policy at Brandeis University.



Tatyana El-Kour is a highly influential leader and support provider for global health with an expert level understanding of technical cooperation and project design and implementation regarding United Nations, European Union, and Global Humanitarian organizations. She possesses more than 17 years of experience and has served various technical and leadership roles at national and international levels within the World Health Organization, global humanitarian organizations and private practice. Tatyana's work has been mostly focused on the Middle East and North African region where nutrition is central challenge of contemporary Middle Eastern context with the region facing the largest refugee crisis in recent history. Recently, Tatyana co-led the nutrition sector coordination for the Syrian refugee crisis.

JOURNAL ARTICLES

Our presenters have published high-impact, peer-reviewed research relating to the symposium's focus areas:

Making Food Aid Fit-for-Purpose in the 21st Century: A Review of Recent Initiatives Improving the Nutritional Quality of Foods Used in Emergency and Development Programming

Patrick Webb, Kristine Caiafa, and Shelley Walton, for the Food Aid Quality Review Group. Food and Nutrition Bulletin. Forthcoming (2017).

KNOWLEDGE GAP: FOOD AID PRODUCT COMPOSITION

Soya, maize, and sorghum-based ready-to-use therapeutic food with amino acid is as efficacious as the standard milk and peanut paste-based formulation for the treatment of severe acute malnutrition in children: A noninferiority individually randomized controlled efficacy clinical trial in Malawi

Paluku Bahwere, Peter Akomo, Mwawi Mwale, Hitoshi Murakami, Chrissy Banda, Sylvester Kathumba, Chimwemwe Banda, Solomon Jere, Kate Sadler, and Steve Collins. The American Journal of Clinical Nutrition (2017).

Effectiveness of food supplements in increasing fat-free tissue accretion in children with moderate acute malnutrition: A randomised 2x2x3 factorial trial in Burkina Faso.

Christian Fabiansen, Charles W. Yaméogo, Ann-Sophie Luel-Brockdorf, Bernardette Cichon, Maren JH Rytter, Anura Kurpad, Jonathan C. Wells, Christian Ritz, Per Ashorn, Suzanne Filteau, André Briend, Susan Shepherd, Vibeke B. Christensen, Kim F. Michaelsen, Henrik Friis. PLoS Medicine (2017).

KNOWLEDGE GAP: FOOD AID PRODUCT EFFECTIVENESS

Lipid-based nutrient supplements: how can they combat child malnutrition?

Kathryn G. Dewey and Mary Arimond. PLoS Medicine (2012).

Current and Potential Role of Specially Formulated Foods and Food Supplements for Preventing Malnutrition among 6- to 23-Month-Old Children and for Treating Moderate Malnutrition among 6- to 59-Month-Old Children

Saskia de Pee and Martin W. Bloem. Food and Nutrition Bulletin (2009).

Small-quantity, lipid-based nutrient supplements provided to women during pregnancy and 6 mo postpartum and to their infants from 6 mo of age increase the mean attained length of 18-mo-old children in semi-urban Ghana: a randomized controlled trial.

Seth Adu-Afarwuah, Anna Lartey, Harriet Okronipa, Per Ashorn, Janet M. Peerson, Mary Arimond, Ulla Ashorn, Mamane Zeilani, Stephen Vosti, and Kathryn G. Dewey. The American Journal of Clinical Nutrition (2016).

KNOWLEDGE GAP: FOOD AID PRODUCT COST-EFFECTIVENESS

Program changes are effective and cost-effective in increasing the amount of oil used in preparing corn soy blend porridge for treatment of moderate acute malnutrition in Malawi

Beatrice Lorge Rogers, Lauren B. Wilner, Gray Maganga, Shelley Marcus Walton, Devika J. Suri, Breanne K. Langlois Kenneth Kwan Ho Chui, Jocelyn M. Boiteau, Stephen A. Vosti, Patrick Webb. Maternal & Child Nutrition (2017).
