

NIH Office of Dietary Supplements (ODS) 2022–2023 Seminar Series

Small-Quantity Lipid-Based Nutrient Supplements for the Prevention of Child Malnutrition

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Institute for Global Nutrition
University of California, Davis

Wednesday, January 11, 2023 • 11 a.m. – 12 p.m. ET
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Dr. Dewey is a Distinguished Professor Emerita of Nutrition at the University of California (UC), Davis. She was a co-founder of the UC Davis Program in International and Community Nutrition (now the Institute for Global Nutrition) and served as its director from 2007 to 2018. Dr. Dewey's research focuses on maternal and child nutrition in vulnerable populations, with an emphasis on interventions to prevent malnutrition during the first 1,000 days. She has led numerous randomized trials and cohort studies in the United States, Mexico, Costa Rica, Honduras, Guatemala, Peru, Ghana, Malawi, and Bangladesh. Dr. Dewey was Project Director for the International Lipid-based Nutrient Supplements (iLiNS) Project, an international research consortium that developed and evaluated a novel approach to enrich diets with small-quantity lipid-based nutrient supplements, designed for prevention of malnutrition in pregnant and lactating women and their children under the age of two in low- and middle-income countries. Her professional service includes extensive consultation for WHO, UNICEF and other organizations. She is currently a member of the Board of Directors for the Global Alliance for Improved Nutrition, the U.S. Food and Nutrition Board, two WHO Guidelines Development Groups (on Complementary Feeding and on Prevention and Treatment of Child Wasting), and several other advisory groups. Dr. Dewey has more than 480 publications and has received several awards, including the Kellogg Prize for International Nutrition, the Macy-György Award from the International Society for Research on Human Milk and Lactation, the E.V. McCollum International Lectureship, and Fellow of the American Society for Nutrition.

Recent Publications

1. Dewey, K.G., Stewart, C.P., Wessells, K.R., Prado, E.L., Arnold, C.D. Small-quantity lipid-based nutrient supplements for the prevention of child malnutrition and promotion of healthy development: overview of individual participant data meta-analysis and programmatic implications. *Am J Clin Nutr.* 2021 Nov 2;114(Suppl 1):3S–14S. PMID: 34590696 PMCID: [PMC8560310](#) DOI: 10.1093/ajcn/nqab279.
2. Dewey, K.G., Wessells, K.R., Arnold, C.D., Prado, E.L., Abbeddou, S., et al. Characteristics that modify the effect of small-quantity lipid-based nutrient supplementation on child growth: an individual participant data meta-analysis of randomized controlled trials. *Am J Clin Nutr.* 2021 Nov 2;114(Suppl 1):15S–42S. PMID: 34590672 PMCID: [PMC8560308](#) DOI: 10.1093/ajcn/nqab278.
3. Dewey, K.G., Arnold, C.D., Wessells, K.R., Prado, E.L., Abbeddou, S., et al. Preventive small-quantity lipid-based nutrient supplements reduce severe wasting and severe stunting among young children: an individual participant data meta-analysis of randomized controlled trials. *Am J Clin Nutr.* 2022 Aug 31. PMID: 36045000 DOI: 10.1093/ajcn/nqac232.



**Strengthening Knowledge and
Understanding of Dietary Supplements**