

NIH Office of Dietary Supplements (ODS) 2024–2025 Seminar Series

Developing Best Practices and Guidelines for Rigorous Nutrition Research

Connie Weaver, Ph.D.

San Diego State University • San Diego, CA

Wednesday, September 11 • 11 a.m. – 12 p.m. ET

Join the **Webinar**

Access code: 160 400 6300 Password: ODSseminar (63773646 from phones)



Connie Weaver, Ph.D. is a Distinguished Research Professor in Exercise and Nutritional Sciences at San Diego State University, California, and a Distinguished Professor Emerita of Foods and Nutrition at Purdue University, Indiana, where she served as department head for 25 years while teaching food chemistry and nutrition courses. She is an elected member of the National Academy of Medicine and a fellow of the American Society for Nutrition (ASN), the Institute of Food Technologists, the American Heart Association, and the American Society of Bone and Mineral Research. She is a member of the Science Advisory Boards of the FDA, the California Prune Board, and Arkansas Children's Nutrition Center and past president of ASN.

Dr. Weaver has led randomized controlled trials (RCTs) in children and adults to examine health and disease risk reduction with a focus on bone health. She was the Purdue principal investigator of the Indiana Clinical and Translational Sciences Institute and Director of the Bone and Body Composition Core from 2008 to 2019. She was director of the Purdue-University of Alabama Birmingham, Botanical Research Center for Age-Related Diseases from 2000 to 2010. Dr. Weaver was the inaugural Director of Purdue's Women's Global Health Institute with platform research areas in cancer, bone, neurodegeneration, and wellness. She co-led an effort with the NIH Clinical and Translational Science Awards and the ASN on developing best practices for clinical nutrition research trials, which produced five manuscripts and a workshop series offered by the ASN (Best Practices for Human Nutrition RCTs/ASN) and serves as the ASN representative to the Federation of European Neuroscience Societies working group that is developing a nutrition extension for the Consolidated Standards of Reporting Trials. She chairs the U.S. and Canada Science Board of the International Life Sciences Institute.

Recent Publications

1. Weaver, CM, Lichtenstein, AH, Kris-Etherton, PM. Perspective: Guidelines Needed for the Conduct of Human Nutrition Randomized Controlled Trials. 2021 *Adv Nutr*. Feb 1;12(1):1–3. DOI: 10.1093/advances/nmaa083 PMID: 33200180 PMCID: [PMC7850095](https://pubmed.ncbi.nlm.nih.gov/33200180/)
2. Weaver C, Ahles S, Murphy KJ, Shyam S, Cade J, et al. Perspective: Peer Evaluation of Recommendations for CONSORT Guidelines for Randomized Controlled Trials in Nutrition. 2024 *Adv Nutr*. Jan;15(1):100154. DOI: 10.1016/j.advnut.2023.100154. Epub 2023 Nov 21. PMID: 37996044; PMCID: PMC10716705
3. Yates AA, Dwyer JT, Erdman JW, Weaver CM, et al. serving as an ad hoc Working Group on a Framework for Developing Recommended Intakes for Dietary Bioactives. Perspective: Framework for Developing Intakes of Bioactive Dietary Supplements. 2021 *Adv Nutr*. Jul 30;12(4):1087–1099. DOI: 10.1093/advances/nmab044 PMID: 33962461 PMCID: PMC8321833