

NATIONAL
ACADEMIES

Sciences
Engineering
Medicine

Translating Nutrition Science from Bench to Plate: Complexity of Iterative Processes- Virtual Workshop

Standing Committee on Evidence Synthesis and
Communications in Diet and Chronic Disease Relationships

Susan C. Scrimshaw, Former President Russell Sage College

APRIL 26, 2023

Standing Committee's Statement of Task

Monitor the current literature and identify emerging issues related to the strength and rigor of scientific evidence in support of nutrition research on chronic disease risk; including effective communication of scientific evidence to the public.

Sponsors:

- National Institutes of Health
- United States Department of Agriculture

Workshop Overview

This workshop will explore successes and limitations of nutrition research translation. The workshop will review the translation process, identify gaps and areas of breakdown in the translational continuum, and discuss examples of successful strategies that have navigated those challenges. It will also explore pathways to bridge gaps within interdisciplinary research in the nutrition community. This workshop will provide a context for how nutrition research gets translated to behaviors in communities and in the public and how the public informs the translation process.

Session 1

Goal: Exploring education and continuing professional development models that translate scientific findings across disciplinary areas

Speakers:

- Christopher Duggan, Harvard University, Boston Children's Hospital
- Keshia Pollack Porter, John Hopkins University
- David Allison, Indiana University
- Michael Kurilla, National Center for Advancing Translational Sciences, NIH

Moderated by: Nicholas J. Schork, Translational Genomics Research Institute

Session 2

Goal: Translation of nutrition science to individuals and communities for improved nutrition outcomes

Speakers:

- William Masters, Tufts University
- Michael Wolf, Northwestern University
- Rebecca Seguin-Fowler, Texas A&M Institute for Advancing Health Through Agriculture
- Adam Becker, Ann & Robert H. Lurie Children's Hospital of Chicago

Moderated by: Rodolphe Barrangou, North Carolina State University