The National Academies of
SCIENCES · ENGINEERING · MEDICINE

Standing Committee on Evidence Synthesis, and Communications in Diet and
Chronic Disease Relationships
Meeting 3

Day 2: Experimental Approaches for Integrating Information

September 2, 2021 (All times are Eastern Time)

1:00 pm   **Welcome and Overview**
Virginia Stallings, University of Pennsylvania Perelman School of Medicine

1:10 pm   **Data-Driven Techniques ("Top Down" Approaches)**
Moderator: Chirag Patel, Harvard Medical School

  1:10 pm Advancing Nutrition Research through Systems Epidemiology, *Marilyn Cornelis, Northwestern University*

  1:30 pm A Data-Driven Approach for Personalized Dietary Interventions, *Tal Korem, Columbia University*

  1:50 pm Q&A

2:10 pm   **Modeling Approaches ("Bottom Up" Approaches)**
Moderator: Bruce Y. Lee, City University of New York

  2:10 pm Systems Modeling in Community-Based Obesity Prevention, *Christina Economos, Tufts University*

  2:30 pm Developing Systems Models: An Example of Explainable Artificial Intelligence, *Diana Thomas, United States Military Academy West Point*

  2:50 pm Q&A

3:15 pm   **Break**

3:30 pm   **Methods to Identify and Integrate Social Determinants of Health into Effective Interventions,** *Tiffany Powell-Wiley, NIH*
Moderator: Jamy Ard, Wake Forest Baptist Health

  3:50 pm Q&A

4:10 pm   **Final panel**
Moderators: Lorraine Brennan, University College Dublin and Alice Lichtenstein, Tufts University

Marilyn Cornelis, Northwestern University
Christina Economos, Tufts University
Tal Korem, Columbia University
Tiffany Powell-Wiley, NIH
Diana Thomas, United States Military Academy West Point

5:00 pm   **Adjourn**