

# Maximizing Agriculture to Enhance Nutrient Composition to Better Fulfill Dietary Recommendations

**DATE: JANUARY 30, 2024, 10AM-2PM ET**

**LOCATION: VIRTUAL**

## **Workshop Objective**

The workshop will focus on what upstream changes in agriculture and food production can help the public better meet nutrition requirements and dietary guidelines.

**10:00-10:05    Welcome and Opening Remarks (5 mins)**

**Bruce Y. Lee, City University of New York**

**10:05-11:05    SESSION 1 (4 presentations; 15 mins each)**

What is currently known and being done around the quality of crops and animals to enhance human nutrition?

**Moderator: Lorraine Brennan, University College Dublin**

**Topic #1: Food Quality**

**Selena Ahmed, Periodic Table of Food Initiative**

**Topic #2: Land Animals**

**Payam Vahmani, University of California, Davis**

**Topic #3: Fisheries and Seafood**

**Christopher Golden, Harvard University**

**Topic #4: Fruits and Vegetables**

**Cathie Martin, John Innes Centre**

**11:05-11:20    Panel Discussion (15 mins)**

**11:20-12:20    SESSION 2 (4 presentations; 15 mins each)**

What agricultural technology and other approaches are currently being explored and developed to enhance human nutrition?

**Moderator: Linda Van Horn, Northwestern University**

**Topic #1: Grains**

**Erick Boy, Harvest Plus**

**Topic #2: Fisheries and Seafood**

**Katie Fiorella, Cornell University**

**Topic #3:** Genome-edited Foods  
**Yiping Qi, University of Maryland**

**Topic #4:** Vegetables  
**Christine Diepenbrock, University of California, Davis**

**12:20-12:35** **Panel Discussion (15 mins)**

**12:35-12:40** **Break (5 mins)**

**12:40-1:40** **SESSION 3 (4 presentations; 15 mins each)**

What are the multi-scale challenges and what needs to be done in agriculture moving forward to create sustainable ways of enhancing human nutrition?

**Moderator: Susan Scrimshaw, Former President Russell Sage College**

**Topic #1:** Environmental Challenges: Climate Change, Land Use, and Pollution Issues

**Daniel Mason-D'Croz, Cornell University**

**Topic #2:** Economic Issues

**Chris Barrett, Cornell University**

**Topic #3:** Socio-behavioral and Cultural Issues

**Ramya Ambikapathi, Cornell University**

**Topic #4:** Human Biology Issues: Food Allergy

**Kari Nadeau, Harvard T.H. Chan School of Public Health**

**1:40-1:55** **Panel Discussion (15 mins)**

**1:55-2:00** **Closing Remarks/Wrap-Up (5 mins)**

**Bruce Y. Lee, City University of New York**

**MEETING ADJOURNS**