



On Demand

Abstract Presentations (On Demand)

Abstracts presented at NUTRITION 2020 LIVE ONLINE are published in a supplement of *Current Developments in Nutrition*. [Click here](#) to access the supplement.

Advances in Untargeted Metabolomics and Compound Identification: Implications for Nutrition Research (On Demand)

Speaker: Padma Maruvada, PhD – National Institute of Diabetes and Digestive and Kidney Diseases

Speaker: Thomas O. Metz, PhD – Pacific Northwest National Laboratory

Speaker: Eoin Fahy, PhD – University of California, San Diego

Speaker: Edward T. Morgan, PhD – Emory University

ERS Data and How Researchers Can Best Use It (On Demand)

Speaker: Joanne F. Guthrie, PhD, MPH – Economic Research Service, USDA

NIH Response to COVID-19 and Nutrition-Specific Funding Opportunities (On Demand)

Chair: Cindy Davis, PhD – Office of Dietary Supplements

Speaker: Michael Lauer, MD – National Institutes of Health

Speaker: Karen Regan, MS, RD – NIH, Office of Nutrition Research

Speaker: Cindy Davis, PhD – Office of Dietary Supplements

Speaker: Alison A. Brown, MS, PhD, RDN – NIH/NHLBI

Speaker: Daniel J. Raiten, PhD – NICHD, National Institutes of Health

Speaker: Padma Maruvada, PhD – National Institute of Diabetes and Digestive and Kidney Diseases

Speaker: Giovanna Zappala, PhD, MPH – National Institute on Aging, National Institutes of Health

Partner Session: IUNS Actions on Nutrition Development and Communication (On Demand)

Chair: Catherine A. Geissler, BDS, MS, PhD – Kings College of London

Co-Chair: Andrew M. Prentice, PhD – Medical Research Council Unit The Gambia (MRCG) at LSHTM

Speaker: J Alfredo Martinez, PhD – IUNS & Universidad de Navarra, Spain

Speaker: Hyun-Sook Kim, PhD – Sookmyung Women's University

Speaker: Vish Prakash, PhD – IUNS & CSIR-INDIA Former Director of CFTRI-INDIA

Speaker: Ali Dhansay, MD; FCPaed – IUNS & Burden of Disease Research Unit of the South African Medical Research Council; Division of Human Nutrition, Department of Paediatrics and Child Health, Stellenbosch University, South Africa

Organized By: International Union of Nutritional Sciences (IUNS)

Update from the Director of the FDA Center for Food Safety and Applied Nutrition (On Demand)

Update from USDA's Center for Nutrition Policy and Promotion (On Demand)

Speaker: Jackie Haven, MS, RD – USDA Center for Nutrition Policy and Promotion

Speaker: Eve Stoody, PhD – USDA Center for Nutrition Policy and Promotion

Speaker: Julie E. Obbagy, PhD, RD – USDA Center for Nutrition Policy and Promotion

Speaker: TusaRebecca Pannucci, PhD, MPH, RD – USDA Center for Nutrition Policy and Promotion

Monday, June 1, 2020

12:00 PM – 2:15 PM ET

Opening Session and Presidential Symposium: The Ethics of Eating

Chair: Richard Mattes, MPH, PhD, RD – Purdue University

Speaker: Francis Collins, MD, PhD – National Institutes of Health

Speaker: Clark Wolf, PhD – Iowa State University

Speaker: Gail Tavill, MS – Packaging & Food Systems Sustainability Consulting LLC

Speaker: Jessica Fanzo, PhD – Johns Hopkins Bloomberg School of Public Health

Speaker: Anna H. Grummon, PhD, MSPH – Center for Population and Development Studies, Harvard T.H. Chan School of Public Health

Speaker: Blair Henry, Doctor of Bioethics – Sunnybrook Health Sciences Center

2:30 PM – 3:30 PM ET

Why Nutrition in School Age Children Is Important, and Even More Important as a Consequence of the COVID Epidemic?

Chair: Ty Beal, PhD – Global Alliance For Improved Nutrition

Speaker: Donald AP Bundy, PhD – London School of Hygiene and Tropical Medicine

2:30 PM – 4:15 PM ET

Chrono-nutrition: The Influence of Eating Patterns on Sleep and Metabolic Health

Chair: John W. Apolzan, PhD – Pennington Biomedical Research Center

Co-Chair: Jess A. Gwin, PhD – US Army Research Institute of Environmental Medicine, Oak Ridge Institute for Science and Education

Speaker: Marie-Pierre St-Onge, PhD, FAHA, CCSH – Columbia University Irving Medical Center

Speaker: Kelly C. Allison, PhD, FAED – Perelman School of Medicine at the University of Pennsylvania

Speaker: Marta Garaulet, PhD in Physiology and Nutrition – University of Murcia

4:30 PM – 5:30 PM ET

Aging and Chronic Disease RIS Forum

Chair: Andrea M. Hutchins, PhD, RD, FAND – University of Colorado Colorado Springs

4:30 PM – 5:30 PM ET

Building Your Network to Build Your Net Worth

Chair: Sabrina Sales Martinez, PhD, RD – Florida International University

Chair: Sahar Ajabshir, PhD, MSc – Florida International University

Chair: Kristen K. Hicks-Roof, PhD, RDN, LDN, FAND – University of North Florida

Chair: Melissa Fuster, PhD – City University of New York, Brooklyn College

Speaker: Michelle I. Cardel, PhD, MS, RD – WW International, Inc.; University of Florida

Speaker: Christina Sherry, PhD, RD, MBA – PepsiCo

Speaker: Nick Barringer, PhD

Speaker: Alison A. Brown, MS, PhD, RDN – NIH/NHLBI

4:30 PM – 5:30 PM ET

Community and Public Health Nutrition RIS Forum

Chair: Maria Koleilat, DrPH, MPH – California State University, Fullerton

4:30 PM – 5:30 PM ET

Energy and Macronutrient Metabolism RIS Forum

Chair: Claire E. Berryman, PhD, RD – Florida State University

5:45 PM – 7:00 PM ET

Student Meet the Fellows

Tuesday, June 2, 2020

8:30 AM – 10:00 AM ET

Sponsored Satellite Program: Eating to Protect Our Health and Our Planet

Chair: Sharon M. Donovan, PhD, RD – University of Illinois at Urbana-Champaign

Chair: Olivier Goulet, MD – Hôpital Necker-Enfants Malades

Speaker: Janet Ranganathan – World Resources Institute

Speaker: Pieter van't Veer, PhD – Wageningen University

Speaker: Jess Haines, PhD, MHSc, RD – University of Guelph

Sponsored By: Yogurt in Nutrition Initiative

8:30 AM – 10:00 AM ET

Sponsored Satellite Program: Nicotinamide Adenine Dinucleotide (NAD) in Human Health and Disease: The State of the Science on Nutrition Interventions

Chair: Yasmeen Nkrumah-Elie, PhD – ChromaDex Inc.

Chair: Rong Tian, MD, PhD – University of Washington

Speaker: Rong Tian, MD, PhD – University of Washington

Speaker: Charles Brenner, PhD – University of Iowa

Speaker: Carles Canto, PhD – Nestlé Institute of Health Sciences

Speaker: Kevin C. Maki, PhD, CLS, FNLA, FTOS, FACN – Midwest Biomedical Research, Addison, IL; MB Clinical Research, Boca Raton, FL; Department of Applied Health Science, School of Public Health, Indiana University, Bloomington, IN

Sponsored By: ChromaDex Inc.

10:30 AM – 12:00 PM ET

New Science: Findings from PREDICT: The Personalized Responses to Dietary Composition Trial

Speaker: Tim Spector, MBBS MD MSC FRCP FRSB FMEDSC – Department of Twin Research, King's College London

Speaker: Sarah E. Berry, PhD – King's College London

Speaker: Nicola Segata, PhD – University of Trento

Speaker: José M. Ordovás, PhD – JM-USDA HNRCA at Tufts University

10:30 AM – 12:00 PM ET

Nutrition in a Pandemic Environment

Chair: Katherine Kreis, PhD – PATH

Speaker: Marie T. Ruel, Sr., PhD – International Food Policy Research Institute

Speaker: Megan Parker, PhD – PATH

Speaker: Christian Walzer, DVM – Wildlife Conservation Society

Co-Chair: Mduduzi N. Mbuya, PhD – Global Alliance for Improved Nutrition

12:30 PM – 2:00 PM ET

Sponsored Satellite Program: Plant-Based Foods and a Healthy Microbiome

Speaker: Paul D. Cotter, PhD – Teagasc

Speaker: Kieran M. Tuohy, PhD – Fondazione Edmund Mach

Speaker: Thais B. Cesar, PhD – Sao Paulo State University

Sponsored By: PepsiCo

12:30 PM – 2:00 PM ET

Sponsored Satellite Program: The Global Nutrition Transition: Protein Supplementation as an Anti-Aging Strategy

Chair: David Heber, MD, PhD – UCLA

Speaker: David Heber, MD, PhD – UCLA

Speaker: Steven B. Heymsfield, MD – Pennington Biomedical Research Center

Speaker: William J. Evans, PhD – Duke University and University of California, Berkeley

Speaker: Donald K. Layman, PhD – University of Illinois at Urbana-Champaign

Speaker: Zhaoping Li, MD, PhD – UCLA Center for Human Nutrition

Sponsored By: Herbalife Nutrition

2:30 PM – 4:00 PM ET

Precision Nutrition

Chair: James O. Hill, PhD – University of Alabama at Birmingham

Speaker: Steven H. Zeisel, MD, PhD – University of North Carolina at Chapel Hill

Speaker: Ruth JF Loos, PhD – Icahn School of Medicine at Mount Sinai

Speaker: Arne Astrup, MD, DMSc – University of Copenhagen

Organized By: NIH Nutrition Obesity Research Centers

2:30 PM – 4:00 PM ET

Strengthening Federal Nutrition Research: Gaps and Opportunities, including Lessons from COVID-19

Chair: Paul M. Coates, PhD – American Society for Nutrition

Chair: Sarah Ohlhorst, MS, RD – American Society for Nutrition

Speaker: Dariush Mozaffarian, MD, DrPH – Friedman School of Nutrition Science and Policy, Tufts University

Speaker: Sheila Fleischhacker, PhD, JD, RDN – Georgetown University Law Center

Moderator: Sylvia Rowe – SR Strategy, Chair of the NASEM's Food and Nutrition Board Food Forum

Panelist: Dan R. Glickman, Former U.S. Secretary of Agriculture – The Aspen Institute

Panelist: Catherine E. Woteki, PhD – Iowa State University

Panelist: David Kessler, JD, MD – Former Commissioner, U.S. Food and Drug Administration

Moderator: William W. Li, M.D. – The Angiogenesis Foundation

Panelist: Former Senator Tom Harkin – Former Senator, Iowa

Panelist: Van S. Hubbard, MD, PhD – Former Director, NIH Division of Nutrition Research Coordination

Panelist: Patrick J. Stover, PhD – Texas A&M

4:30 PM – 5:30 PM ET

Carotenoids and Retinoids Interest Group (CARIG) RIS Forum

Chair: Helen B. Everts, PhD, RDN – Texas Woman's University

4:30 PM – 5:30 PM ET

Nutritional Microbiology RIS Forum: Hot Topic- Reflections of the Gut Microbiome in Host Molecular Phenotypes in Health and Disease

Chair: David A. Sela, PhD – University of Massachusetts

Speaker: Sean Gibbons, PhD

4:30 PM – 5:45 PM ET

Nutrition Education and Behavioral Science RIS Forum

Chair: Heather A. Eicher-Miller, PhD – Department of Nutrition Science, Purdue University

6:00 PM – 8:00 PM ET

Speed Mentoring for Students, Organized by the Student and Early Career Nutrition Interest Groups

Wednesday, June 3, 2020

8:30 AM – 10:00 AM ET

Sponsored Satellite Program: Exploring the Links between Diet and Inflammation: Dairy Foods as Case Studies

Chair: Julie M. Hess, PhD – National Dairy Council

Speaker: Charles B. Stephensen, PhD – USDA-Western Human Nutrition Research Center

Speaker: Mario Kratz, PhD – Fred Hutchinson Cancer Research Center

Speaker: Bradley W. Bolling, PhD – University of Wisconsin-Madison

Sponsored By: National Dairy Council

8:30 AM – 10:15 AM ET

Sponsored Satellite Program: Optimizing Nutrition to Promote Healthy Aging

Chair: Simin N. Meydani, D.V.M., PhD – JM USDA Human Nutrition Research Center on Aging at Tufts University

Speaker: Peter Adams, PhD – Sanford Burnham Prebys Medical Discovery Institute

Speaker: Raymond Yung, MD – University of Michigan

Speaker: Simin N. Meydani, D.V.M., PhD – JM USDA Human Nutrition Research Center on Aging at Tufts University

Speaker: Charles Brenner, PhD – University of Iowa

Sponsored By: Council for Responsible Nutrition

10:30 AM – 12:00 PM ET

Great Debates in Nutrition: Should Public Health Guidelines Recommend Reducing Saturated Fat Consumption as Much as Possible?

Chair: David S. Ludwig, MD, PhD – New Balance Foundation Obesity Prevention Center, Boston Children's Hospital

Co-Chair: Christopher P. Duggan, MD, MPH – Boston Children's Hospital

Speaker: Penny M. Kris-Etherton, PhD, RD, FAHA, FNLA, FASN, CLS – The Pennsylvania State University

Speaker: Ronald M. Krauss, MD – University of California, San Francisco

Discussant: Arne Astrup, MD, DMSc – University of Copenhagen

Discussant: Frank B. Hu, MD, MPH, PhD – Harvard T.H. Chan School of Public Health

Discussant: Anahad S. O'Connor, BA – New York Times

10:30 AM – 12:00 PM ET

Implementation Science Workshop

Chair: Edward A. Frongillo, PhD – University of South Carolina

Speaker: Andrea Warren, PhD – University of South Carolina

Speaker: Jennifer Crum, MPH, MS, RD – FHI 360

Speaker: Rasmi Avula, PhD – International Food Policy Research Institute

Speaker: Ame Stormer, PhD – Helen Keller International

Facilitator: Kenda Cunningham, DrPH – Helen Keller International

Co-Sponsored By: Society for Implementation Science in Nutrition

12:30 PM – 2:00 PM ET

[Sponsored Satellite Program: Importance of Carbohydrate Quality](#)

Chair: Wendy Johnson, PhD, MPH, RD – Nestlé USA

Co-Chair: Kim-Anne Lê, PhD – Nestlé Research

Speaker: Luc Tappy, MD – Inselspital Bern, Switzerland

Speaker: John L. Sievenpiper, MD, PhD, FRCPC – University of Toronto and St. Michael's Hospital

Speaker: Flavia Fayet-Moore, PhD, MNutrDiet, APD, RNutr, FASLM – Nutrition Research Australia

Speaker: Dariush Mozaffarian, MD, DrPH – Friedman School of Nutrition Science and Policy, Tufts University

Sponsored By: Nestle R&D

12:30 PM – 2:00 PM ET

[Sponsored Satellite Program: Making Sense of Omega-3 Headlines: Recent Evidence on Cardiovascular Outcomes and Public Health Implications](#)

Chair: Penny M. Kris-Etherton, PhD, RD, FAHA, FNLA, FASN, CLS – The Pennsylvania State University

Speaker: Penny M. Kris-Etherton, PhD, RD, FAHA, FNLA, FASN, CLS – The Pennsylvania State University

Speaker: JoAnn E. Manson, MD, DrPH – Department of Medicine, Brigham and Women's Hospital, Harvard Medical School, Department of Epidemiology, Harvard T.H. Chan School of Public Health

Speaker: Kevin C. Maki, PhD, CLS, FNLA, FTOS, FACN – Midwest Biomedical Research, Addison, IL; MB Clinical Research, Boca Raton, FL; Department of Applied Health Science, School of Public Health, Indiana University, Bloomington, IN

Sponsored By: DSM

2:30 PM – 4:00 PM ET

[Mobile Phones as a Tool to Promote Health Behavior Change and Improve Body Composition](#)

Chair: Cristina Palacios, PhD, MS – Department of Dietetics and Nutrition Robert Stempel College of Public Health & Social Work

Speaker: Ramesh Jain, PhD – University of California, Irvine

Speaker: Cristina Palacios, PhD, MS – Department of Dietetics and Nutrition Robert Stempel College of Public Health & Social Work

Speaker: Heather A. Eicher-Miller, PhD – Department of Nutrition Science, Purdue University

2:30 PM – 4:00 PM ET

[The Role of Economics to Support Nutrition Policies and Programs](#)

Chair: Carol Levin, PhD – University of Washington

Speaker: William A. Masters, PhD – Tufts University Friedman School of Nutrition Sciences and Policy

Speaker: Chloe Puett, PhD – Stony Brook University

Speaker: Stephen A. Vosti, PhD – UC Davis

Speaker: Christopher G. Kemp, MPH, PhD – University of Washington

Panelist: Jef L. Leroy, PhD – International Food Policy Research Institute

Speaker: Meera Shekar, PhD – The World Bank

4:30 PM – 5:30 PM ET

Nutrition Translation RIS Forum

Chair: Emily C. Radlowski, PhD, RD – Dominican University

4:30 PM – 5:30 PM ET

Nutritional Epidemiology RIS Forum and Distinguished Nutritional Epidemiology Abstracts

Chair: Shilpa N. Bhupathiraju, PhD – Harvard T.H. Chan School of Public Health

4:30 PM – 5:30 PM ET

Nutritional Immunology and Inflammation RIS Forum

Chair: Elitsa A. Ananieva, PhD – Des Moines University

4:30 PM – 5:30 PM ET

Vitamins and Minerals RIS Forum

Chair: Nick McCormick, PhD – AB InBev

6:30 PM – 8:00 PM ET

Demystifying the Early Career Trainee Mental Health Crisis

Chair: Marianne Collard, PhD – Department of Dermatology, Boston University School of Medicine

Chair: Boluwati O. Durojaye, MSc, MS – The Ohio State University

Chair: Sumira Phatak, bs – Utah State University

Speaker: Danny Arguettey, M.A. Education – University of Washington

Speaker: Elizabeth J. Reverri, PhD, RD – Abbott Nutrition

Speaker: Laura Lewis, MA, LPCC-S – The Ohio State University

Thursday, June 4, 2020

8:30 AM – 10:00 AM ET

China International Forum (CIF)

Chair: Xingen Lei, PhD – Cornell University

Chair: Guoxun Chen, PhD, Associate Professor – The University of Tennessee, Knoxville

Speaker: John Courtney, PhD – American Society for Nutrition

Speaker: Wenhua Lin, doctor – Department of Nutrition, School of Public Health, Sun Yat-Sen University

Speaker: A. Catharine Ross, PhD – The Pennsylvania State University

Speaker: Qizhen Wang, PhD – Qingdao University

Speaker: Margaret Rayman, PhD – University of Surrey

Speaker: An Pan, PhD – Tongji Medical College, Huazhong University of Science and Technology

Sponsored By: NACSN, ASN/CIG, and CNS

10:30 AM – 12:00 PM ET

Household Water Insecurity and its Importance for Ensuring Food, Nutrition and Well-being

Chair: Sera L. Young, PhD – Northwestern University

Speaker: Sera L. Young, PhD – Northwestern University

Speaker: Asher Rosinger, PhD, MPH – Penn State University

Speaker: Zeina Jamaluddine, MSc – American University of Beirut

Speaker: Claudia Ringler, PhD – IFPRI

Panelist: Edward A. Frongillo, PhD – University of South Carolina

Panelist: Hugo Melgar-Quinonez, PhD – McGill University

Panelist: Rafael Pérez-Escamilla, PhD – Yale School of Public Health

10:30 AM – 12:00 PM ET

Partner Session: Toward Best Practices for Nutrition and Human Gut Microbiome Research: Moving the Field Forward

Chair: Cindy Davis, PhD – Office of Dietary Supplements

Chair: Christopher J. Cifelli, PhD – National Dairy Council

Speaker: Long H. Nguyen, MD, MS – Massachusetts General Hospital and Harvard Medical School

Speaker: Joanne L. Slavin, PhD, RDN – University of Minnesota

Speaker: Emily Vogtmann, PhD, MPH – NIH Intramural Research Program

Organized By: ILSI North America

12:30 PM – 1:15 PM ET

Is There an Optimal Diet for Parkinson's Disease? (From Research to Practice)

Speaker: Matthew C.L Phillips, FRACP – Waikato District Health Board

12:30 PM – 2:00 PM ET

Sponsored Satellite Program: Sustainable Diets: Healthy Diets from Sustainable Food Systems.
What Does it Mean & How Do We Accomplish It?

Chair: Adam Drewnowski, PhD – University of Washington

Speaker: John Finley, PhD – U.S. Department of Agriculture

Speaker: Adam Drewnowski, PhD – University of Washington

Speaker: Emeline Fellus, Masters – World Business Council for Sustainable Development (WBCSD)

Sponsored By: Bell Institute of Health and Nutrition, DSM, Nestle R&D, PepsiCo

1:15 PM – 2:00 PM ET

Nutrition after Bariatric Surgery (From Research to Practice)

Speaker: Nana Gletsu Miller, PhD – Indiana University School of Public Health

2:30 PM – 4:00 PM ET

What's the Science Behind Popular Diets? (From Research to Practice)

Chair: Michael Kelley, PhD, RD – Michael Kelley Nutrition Science Consulting

Speaker: Krista A. Varady, PhD – University of Illinois Chicago

Speaker: Eric C. Westman, MD MHS – Duke University Medical Center

Speaker: Joel Kahn, MD – Kahn Center for Cardiac Longevity

4:30 PM – 5:30 PM ET

Dietary Bioactive Components RIS Forum

Chair: Joshua D. Lambert, PhD – The Pennsylvania State University

4:30 PM – 5:30 PM ET

Nutrient-Gene Interactions RIS Forum

Chair: Saroja Voruganti, PhD – Nutrition Research Institute, University of North Carolina at Chapel Hill

4:30 PM – 5:30 PM ET

Obesity RIS Forum: Panel Discussion on Nutrition Career Opportunities in Academia,
Government, and Industry

Chair: Drew Sayer, PhD – University of Alabama at Birmingham

Moderator: Drew Sayer, PhD – University of Alabama at Birmingham

Panelist: Michelle I. Cardel, PhD, MS, RD, FTOS – University of Florida

Panelist: TusaRebecca Pannucci, PhD, MPH, RD – USDA Center for Nutrition Policy and Promotion

Panelist: Rebecca Replogle, PhD – PepsiCo

Panelist: Mary C. Brauchla, PhD, MPH – PepsiCo

4:30 PM – 5:30 PM ET

Sports Nutrition and Human Performance RIS Forum: Hot Topic – A Thoughtful Examination of
Protein Sources in Diet Design for Athletes

Chair: Nancy R. Rodriguez, PhD – University of Connecticut

Speaker: Nancy Clark, MS, RD, CSSD – Sports Nutrition Services LLC