



# FOOD FORUM: *30 Years of Impact*

# Food Forum: 30 Years of Impact

*The true impact of the Food Forum is woven into a much larger narrative about food and nutrition science and action in the United States, specifically increased awareness around food safety and the federal government’s response to food safety threats. As national priorities in this area shifted over the years, so did the work of the Forum, leading to an impressive portfolio of scientific leadership that has touched countless lives.*

## The Early Years

The Forum was established in 1993 in response to encouragement from the U.S. Food and Drug Administration (FDA) and the Institute of Food Technologists after a few key events that highlighted growing interest in food safety concerns from the American public: a CBS “60 Minutes” episode about agricultural chemical residues in food products, particularly Alar (daminozide), and potential health risks to children, and a 1992 National Advisory Committee on Microbiological Criteria for Foods endorsement of Hazard Analysis and Critical Control Point (HACCP) plans. The goal was to create a neutral space where “CEOs in the food industry, top administrators in several federal agencies, representatives from consumer interest groups, and academicians could discuss food-related issues openly,” rather than each entity remaining siloed in its work. The Forum’s first public workshop, “Prioritizing, Managing, and Communicating Food Safety Risks: Dealing with What Bugs Us,” set the stage for success.

From 1994-1998, several additional federal actions shaped the course of the Forum: Congress amended the Federal Food, Drug, and Cosmetic Act to address dietary supplements; the FDA approved the Flavr Savr tomato, the first whole food produced using genetic engineering;

the Food Safety Initiative was launched; and FDA’s GRAS (“Generally Recognized as Safe”) notification program began. This activity culminated in a 1999 Forum workshop titled, “[Enhancing the Regulatory Decision-Making Approval Process for Direct Food Ingredient Technologies.](#)”

Also during this time span, the Centers for Disease Control and Prevention (CDC) embarked on new programming to detect, prevent, and control emerging infectious disease threats in food; Congress passed the Food Quality Protection Act to standardize the way the U.S. Environmental Protection Agency (EPA) would manage pesticide use; and the Joint Institute for Food Safety Research was established to strengthen the coordination among government, the private sector, and academia. In response, the Forum held a workshop in 2001 titled, “[Food Safety Policy, Science, and Risk Assessment: Strengthening the Connection.](#)” Soon after, the U.S. Government Accountability Office (GAO) called for continued vigilance in food safety, as well as recommendations for the U.S. Department of Agriculture (USDA) to limit food-borne illness/food-related health outbreaks.

## Evolving to Meet Changing Needs

Starting in 2000, a new area of interest emerged for the Forum: nanotechnology. The White House launched a National Nanotechnology Initiative, the FDA established a Nanotechnology Task Force, and the National Institutes of Health's (NIH) National Cancer Institute established a Nanotechnology Working Group. Consequently, in 2009, the Forum put together a workshop titled, "[Nanotechnology in Food Products.](#)" An official summary of the event was later cited in "Guidance for Industry Considering Whether An FDA-Regulated Product Involves the Application Of Nanotechnology."

In 2014, the Farm Bill mandated that the 2020–2025 Dietary Guidelines for Americans expand guidance across the lifespan to include pregnant women, infants, and toddlers from birth to 24 months. Three years later, the Forum held a workshop titled, "[Nutrition Across the Lifespan for Healthy Aging.](#)" Shortly after, the American Society for Nutrition (ASN) established "aging and chronic disease" as a high priority for research, and NIH published "Nutritional Considerations for Healthy Aging and Reduction in Age-Related Chronic Disease."

Also in 2014, the Forum held its "[Sustainable Diets: Food for Healthy People and a Healthy Planet](#)" workshop, influenced by the Dietary Guidelines Advisory Committee report's recommendation to include sustainability considerations in the Dietary Guidelines for Americans for the first time and provide a legal definition for "sustainable agriculture." In 2015, the United Nations General Assembly established 17 Sustainable Development Goals, and two years later the EAT-Lancet Commission on Healthy Diets from Sustainable Food Systems released "Food in the Anthropocene," a review of what constitutes a healthy diet from a sustainable food system and actions that can support transformation. That same year, the Forum held a workshop titled, "[Sustainable Diets, Food, and Nutrition.](#)"

## Looking Ahead

In 2020, the Forum pivoted to assessing current and emerging knowledge about innovations for modern food systems and strategies for meeting future needs. The resulting workshop, "[Innovations in the Food System: Exploring the Future of Food,](#)" pre-dated President Biden's executive order directing the Secretary of Agriculture to "assess the supply chains for the production of agricultural commodities and food products" by a year. USDA followed up in 2022 with their report, "USDA Agri-Food Supply Chain Assessment: Program and Policy Options for Strengthening Resilience," and also released a Food Systems Transformation Framework funded by the American Rescue Plan Act.

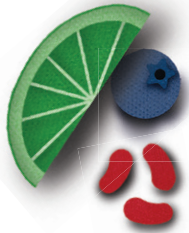
Most recently, in 2022, the Forum identified another timely subject: alternative protein sources. The workshop "[Alternative Protein Sources: Balancing Food Innovation, Sustainability, Nutrition, and Health](#)" assessed whether processing innovations could be balanced in a way that optimizes nutritional content, affordability, and accessibility. A year later, the USDA approved the first product made from cultivated animal cells, and the Peas, Legumes, and Nuts Today (PLANT) Act was introduced to provide incentives/opportunities for farmers to produce ingredients used in plant-based proteins.

As this narrative clearly illustrates, the Food Forum has its finger on the pulse of the nutrition science, food safety, agriculture, and food systems issues that shape our collective health and well-being. Food Forum staff and members look forward to another 30 years of collaboration, innovation, and vision setting for our nation's food experts.

# Food Forum: 30 Years of Impact

NATIONAL  
ACADEMIES *Sciences  
Engineering  
Medicine*

1993



**THE FOOD FORUM  
IS LAUNCHED**

Catherine Woteki, Food and Nutrition Board Director;  
Robert Earl, first Food Forum Director;  
Richard L. Hall, first Chair

1993



**FIRST PUBLIC  
WORKSHOP**

Prioritizing, Managing,  
and Communicating Food  
Safety Risks: Dealing With  
What Bugs Us

1999



**WORKSHOP**

Enhancing the Regulatory  
Decision-Making  
Approval Process for Direct Food  
Ingredient Technologies

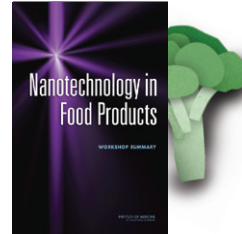
2001



**WORKSHOP**

Food Safety Policy, Science,  
and Risk Assessment:  
Strengthening the Connection

2009



**WORKSHOP**

Nanotechnology in  
Food Products

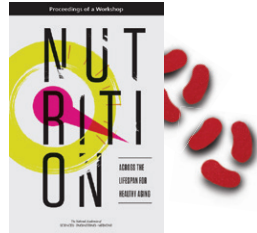
2014



**WORKSHOP**

Sustainable Diets:  
Food for Healthy People  
and a Healthy Planet

2017



**WORKSHOP**

Nutrition Across the  
Lifespan for Healthy Aging

2019



**WORKSHOP**

Sustainable Diets,  
Food, and Nutrition

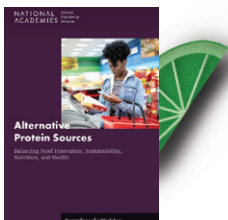
2020



**WORKSHOP**

Innovations in the  
Food System: Exploring  
the Future of Food

2022



**WORKSHOP**

Alternative Protein Sources:  
Balancing Food Innovation,  
Sustainability, Nutrition,  
and Health



# Agenda

*Food Forum 30th Anniversary Symposium*

*NAS Auditorium, 2101 Constitution Avenue, NW, Washington, DC*

*November 30, 2023*

## Setting the Stage: The Food Forum's Influence and Impact

9:00 AM

### *Opening Remarks*

Monica N. Feit, Ph.D., M.P.H., Executive Director, Health and Medicine Division, National Academies of Sciences, Engineering, and Medicine

Marcia McNutt, Ph.D., President, National Academy of Sciences

Eric A. Decker, Ph.D., M.S., Food Forum Chair, Professor, Head of the Department of Food Science, University of Massachusetts Amherst

9:20 AM

### *History of the Food Forum and its Impact Over the Past 30 Years*

Eric A. Decker, Ph.D., M.S., Food Forum Chair since 2022

Sylvia Rowe, M.A.T., President, SR Strategy, Food Forum Chair 2015–2021

Francis (Frank) F. Busta, Ph.D., M.S., Director Emeritus, National Center for Food Protection and Defense (now Food Protection & Defense Institute), Professor Emeritus, University of Minnesota, Food Forum Chair 2011–2014

Michael P. Doyle, Ph.D., M.S., Retired Regents Professor, Director, Center for Food Safety, University of Georgia, Food Forum Chair 2003–2011

Fergus (Ferg) M. Clydesdale, Ph.D., M.A., Distinguished University Professor, Department of Food Science, University of Massachusetts Amherst, Food Forum Chair 1996–2002

9:40 AM

### *Break*

## 30 Years of the Food Forum: Reflecting on Progress, Envisioning the Road Ahead

10:00 AM

### *Key Area: Food Safety*

Moderator: Sam R. Nugen, Ph.D., Professor, Department of Food Science, Cornell University

Susan T. Mayne, Ph.D., Former Director, Center for Food Safety and Applied Nutrition, U.S. Food and Drug Administration

Stefanie N. Evans, Ph.D., Vice President, Food Safety, Quality, and Regulatory Affairs, Conagra Brands, Inc.

Haley Oliver, Ph.D., 150th Anniversary Professor, Assistant Dean for Online Programs, College of Agriculture, Director, United States Agency for International Development (USAID) Feed the Future Food Safety Innovation Lab, Purdue University

### **30-minute Panel Discussion**

11:00 AM

*Key Area: Food Systems & Sustainability*

Moderator: Christina Khoo, Ph.D., Director, Emerging Science, Nutrition, and Regulatory Affairs, Ocean Spray Cranberries, Inc.

Jessica Fanzo, Ph.D., M.S., Professor, Director, Food for Humanity Initiative, Climate School, Columbia University

Stephanie K. Goodwin, Ph.D., M.P.H., R.D., Director, Nutrition Policy, Danone North America

Christian Peters, Ph.D., M.S., Research Leader, Food Systems Research Unit, Agricultural Research Service, U.S. Department of Agriculture

**30-minute Panel Discussion**

12:00 PM

*Lunch*

1:15 PM

*Key Area: Nutrition & Health*

Moderator: Steven H. Zeisel, M.D., Ph.D., Professor Emeritus, Department of Nutrition, Gillings School of Global Public Health and School of Medicine, University of North Carolina at Chapel Hill

Josh Anthony, Ph.D., M.B.A., M.S., Founder and CEO, Nlumn

Naomi K. Fukagawa, M.D., Ph.D., Director, Beltsville Human Nutrition Research Center, Agricultural Research Service, U.S. Department of Agriculture, Professor of Medicine Emerita, University of Vermont

Angela Odoms-Young, Ph.D., M.S., The Nancy Schlegel Meinig Associate Professor of Maternal and Child Nutrition, Director, Food and Nutrition Education in Communities Program and New York State Expanded Food and Nutrition Education Program, Cornell University

**30-minute Panel Discussion**

2:15 PM

*Break*

2:30 PM

*A Visionary Perspective on the Future of Food*

Guy Poppy, D.Phil, CB, FMedSci, Executive Chair, Biotechnology and Biological Sciences Research Council, Executive Sponsor of Food Research and Innovation, UK Research and Innovation

3:00 PM

*Fireside Chat: Food for Thought on the Next 30 Years*

Moderator: Rodolphe Barrangou, Ph.D., M.B.A., M.S., Todd R. Klaenhammer Distinguished Professor in Probiotics Research, Department of Food Bioprocessing and Nutrition Sciences, North Carolina State University

**Panelists:**

Lauren Abda, M.S., Founder and CEO, Branchfood, Co-founder, Branch Venture Group

Ajay P. Malshe, Ph.D., R. Eugene and Susie E. Goodson Distinguished Professor of Mechanical Engineering, and Agricultural and Biological Engineering, Purdue University

Susan T. Mayne, Ph.D., Former Director, Center for Food Safety and Applied Nutrition, U.S. Food and Drug Administration

Xavier Morales, Ph.D., M.R.P., Executive Director, The Praxis Project

Guy Poppy, D.Phil, CB, FMedSci, Executive Chair, Biotechnology and Biological Sciences Research Council, Executive Sponsor of Food Research and Innovation, UK Research and Innovation

**4:00 PM**

**End**

# Food Forum 30th Anniversary Symposium Planning Committee

**Eric A. Decker, Ph.D., M.S. (Chair)**  
*Professor, Department of Food Science  
University of Massachusetts Amherst*

**Douglas Balentine, Ph.D.**  
*Senior Science Advisor, International Nutrition Policy  
Center for Food Safety and Applied Nutrition  
U.S. Food and Drug Administration*

**Christina Khoo, Ph.D.**  
*Director, Emerging Science, Nutrition & Regulatory Affairs  
Ocean Spray Cranberries, Inc.*

**Megan Nechanicky, M.S., R.D.**  
*Nutrition Manager, Bell Institute of Health and Nutrition  
General Mills, Inc.*

**Sharon A. Ross, Ph.D., M.P.H.**  
*Program Director, Nutritional Science  
Research Group Division of Cancer Prevention  
National Cancer Institute  
National Institutes of Health*

**Sylvia Rowe, M.A.T.**  
*President, SR Strategy, LLC*

**Pamela Starke-Reed, Ph.D.**  
*Deputy Administrator, Nutrition, Food Safety, and Quality  
Agricultural Research Service  
U.S. Department of Agriculture*

**Mary T. Story, Ph.D., M.S., R.D.**  
*Professor, Global Health, and Family Medicine and  
Community Health Director, Academic Programs, Duke  
Global Health Institute Director, Healthy Eating Research  
National Program, Robert Wood Johnson Foundation  
Duke University*

**Patrick J. Stover, Ph.D.**  
*Director, Institute for Advancing Health Through Agriculture  
Texas A&M AgriLife  
Texas A&M University*

# Speaker, Moderator, and Planning Committee Biographies



**Lauren Abda, M.S.**, is founder and CEO of Branchfood, a launchpad for food innovation and one of the largest communities of food innovators in the world. She is also a co-founder of Branch Venture Group, one of the first angel investment networks focused exclusively on funding agri-foodtech startups in the United States. Ms. Abda is a council member at the Tufts University Nutrition Innovation Institute, she is on the board of advisors for the Boston Public Market Association, and she has served as a mentor and judge for leading startup programs including the Rabobank- MIT Food & Agribusiness Innovation Prize and MassChallenge. Prior to her entrepreneurial endeavors, she consulted for agri-foodtech

businesses in Boston and San Francisco, worked as an analyst for Salt Venture Partners, a corporate venture capital firm within the Harvard Common Press, and wrote reports on international food safety development initiatives on behalf of the Agriculture and Commodities division at the World Trade Organization in Geneva, Switzerland. Ms. Abda has a B.S. in nutrition and food science from the University of Vermont and an M.S. in food policy and applied nutrition from the Tufts Friedman School of Nutrition Science and Policy.

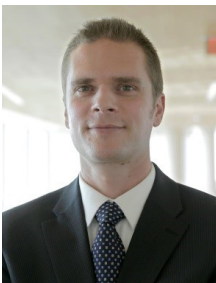


**Josh Anthony, Ph.D., M.B.A., M.S.**, is founder and CEO of Nlumn, a business-to-business personalized nutrition and health consulting company. Before starting Nlumn, Dr. Anthony was the founding chief science officer at the personalized nutrition company, Habit. He was also vice president of global nutrition and health at the Campbell Soup Company. Prior to Habit and Campbell, he held progressive technical and management roles at Reckitt-Mead Johnson Nutrition and Unilever. He also served as an adjunct professor of physiology at the Indiana University School of Medicine. Over the past 25 years working in the food and nutrition business with Fortune 500 companies and start-ups, Dr. Anthony has proven his capabilities as a successful scientist, innovator, and entrepreneur. Driven by the challenge of translating science to help people achieve their health and wellness goals, he has worked collaboratively to help launch more than 150 science-based products and services supported by more than 140 patents. He is a trusted board member and advisor to executives across food, nutrition, and ingredient companies, universities, and not-for-profit organizations. Dr. Anthony earned a B.S. in biological sciences from Carnegie Mellon University, an M.S. in nutritional sciences from the University of Illinois, a Ph.D. in cell and molecular physiology from the Pennsylvania State University College of Medicine, and an M.B.A. from Vanderbilt University.





**Douglas Balentine, Ph.D.**, is senior science advisor for international nutrition policy at the United States Food and Drug Administration's (FDA) Center for Food Safety and Applied Nutrition (CFSAN). In this role, Dr. Balentine supports the critical work of the Codex Alimentarius as the U.S. Delegate to both the Codex Committee on Nutrition and Foods for Special Dietary Use (CCNFSDU) and the Codex Committee on Food Labeling (CCFL). In addition, he leads international activities and multilateral issues related to FDA's nutrition and food labeling programs. This includes authoritative scientific and policy advice and guidance, and recommendations on international nutrition activities and programs, considering input from U.S. stakeholders while advancing FDA's science-based public health mission. Formerly, Dr. Balentine served as the director of the Office of Nutrition and Food Labeling at CFSAN from 2015–2019, and in that role, he provided leadership and scientific direction to a multidisciplinary staff that managed the regulatory programs relating to food labeling, nutrition, infant formula, and medical foods. Prior to joining FDA, he served as the director of nutrition and health for Unilever North America and was a member of Unilever's Global Nutrition Leadership Team. He has worked closely with many organizations and served on a number of committees with the goal of improving public health. Dr. Balentine holds 15 patents and has over 40 publications in scientific literature. He has a Ph.D. in food science and nutrition from Rutgers University.



**Rodolphe Barrangou, Ph.D., M.B.A., M.S.**, is the T. R. Klaenhammer Distinguished Professor in Probiotics Research in the Department of Food, Bioprocessing and Nutrition Sciences at North Carolina State University, focusing on the evolution and functions of CRISPR–Cas systems, and their applications in bacteria used in food manufacturing. He spent nine years in research & development and mergers & acquisitions at Danisco and DuPont in the food industry. Recently, for his work establishing the biological function of CRISPR, he received the 2016 Warren Alpert Prize, the 2016 Canada Gairdner International Award, the 2017 National Academy of Sciences (NAS) Award in Molecular Biology, and the 2018 NAS Prize in Food and Agriculture Sciences. Dr. Barrangou is a member of the National Academies of Sciences, Engineering, and Medicine's Food and Nutrition Board and Food Forum, and was elected to the NAS in 2018 and the National Academy of Engineering in 2019, as well as the National Academy of Inventors and the National Inventors Hall of Fame. He is also the former chairman of the Board of Directors of Caribou Biosciences, and a co-founder of Intellia Therapeutics, Locus Biosciences, CRISPR Biotechnologies, Ancilia Biosciences, and TreeCo, and is the editor-in-chief of the CRISPR Journal. Dr. Barrangou holds a B.S. in biological sciences from René Descartes University in Paris, France, an M.B.A. from the University of Wisconsin–Madison, an M.S. in biological engineering from the University of Technology in Compiègne, France, an M.S. in food science from NC State, and a Ph.D. in genomics from NC State.



**Francis (Frank) F. Busta, Ph.D., M.S.**, is director emeritus of the National Center for Food Protection and Defense (NCFPD; now Food Protection & Defense Institute) and professor emeritus of food microbiology at the University of Minnesota. Dr. Busta's research areas are in food safety, growth and survival of microorganisms after environmental stress in food, microbial ecology, and food defense. He published more than 125 refereed research papers. Previously, he held faculty positions at the University of Minnesota, North Carolina State University, and the University of Florida. He served as chair of the Department of Food Science and Human Nutrition from 1984 to 1987 at the University of Florida and head of the Department of Food Science & Nutrition at the University of Minnesota from 1987 to 1997. He became professor emeritus in 1999. He was named the first director of NCFPD in 2004, became director emeritus in 2007, and served as senior science advisor from 2007 to 2014. Dr. Busta retired in 2002 from the International Commission on the Microbiological Specifications for Food (ICMSF) after 15 years of service. He is a fellow of the Institute of Food Technologists (IFT) and was president from 1995–1996. He is also a fellow of the American Academy of Microbiology, the American Association for the Advancement of Science, the Institute of Food Science and Technology (IFST in the U.K.), the International Association for Food Protection (IAFP), and the Academy of the International Union of Food Science and Technology. He received the IAFP Honorary Life Membership Award in 2009 and gave the Silliker Lecture at IAFP15. He received the IFT Calvert L. Willey Distinguished Service Award in 2003 and the Myron Solberg Award from IFT in 2017, and he received the Food Safety Magazine Distinguished Service Award in 2021. He chaired the Food Forum of the Institute of Medicine (now Health and Medicine Division) in the National Academies of Sciences, Engineering, and Medicine from 2011 to 2014. He is a Certified Food Scientist (IFT) and a Registered Scientist (IFST). Dr. Busta received his B.A. and M.S. from the University of Minnesota and his Ph.D. from the University of Illinois.



**Fergus (Ferg) M. Clydesdale, Ph.D., M.A.**, is currently distinguished university professor in the Department of Food Science at the University of Massachusetts Amherst and was the director of the University of Massachusetts Food Science Policy Alliance from 2005 to 2020. From 1988 to 2008, he was head of the Department of Food Science. His research involves the role of technology in creating healthy and sustainable diets and its regulation and policy. He is a fellow of five premier societies in the field of food science and nutrition, editor in chief of *Critical Reviews in Food Science and Nutrition*, and has published some 375 scientific articles and co-authored or edited 20 books. He has held professorships and has given invited presentations around the globe as well as being an invited speaker in the National Academy of Sciences Distinctive Voices Series at the Jonsson Center. Dr. Clydesdale also has served on/or chaired numerous committees of the Institute of Food Technologists (IFT), the U.S. Food and Drug Administration, the International Life Sciences Institute (ILSI), and the International Food Information Council (IFIC). At the National Academies of Sciences, Engineering, and Medicine, he served on the Food and Nutrition Board of the Institute of Medicine (now the Health and Medicine Division) and chaired the Food Forum from 1996 to 2002. He also served on the 2005 Dietary Guidelines Advisory Committee, and on the Board of Trustees of ILSI and IFIC. He is the recipient of innumerable awards, including IFT's highest honor, the Nicolas Appert Award, the University of Massachusetts Amherst Distinguished Teacher Award, the Distinguished Faculty Award from the University of Massachusetts Alumni Association, and was named the Sterling B. Hendricks Memorial Lecturer by the U.S. Department of Agriculture's Agricultural Research Service for 2008. The University of Massachusetts Amherst has established the Fergus M. Clydesdale Professorship and dedicated the Fergus M. Clydesdale Center for Foods for Health and Wellness in 2011 in his honor. Dr. Clydesdale received his M.A. in food chemistry from the University of Toronto and his Ph.D. in food science and technology from the University of Massachusetts Amherst.



**Eric A. Decker, Ph.D., M.S.**, is professor and head of the Department of Food Science at the University of Massachusetts Amherst. He is also the director of the UMass Food Science Industry Strategic Research Alliance since 2008. Dr. Decker is actively conducting research to characterize mechanisms of lipid oxidation, antioxidant protection of foods, and the health implications of bioactive lipids. He has over 430 publications and he has been listed as one of the Most Highly Cited Scientists in Agriculture since 2005. Dr. Decker has served on numerous committees for institutions such as the U.S. Food and Drug Administration, National Academies of Sciences, Engineering, and Medicine, Institute of Food Technologists (IFT), U.S. Department of Agriculture, and the American Heart Association. He has received recognition for his research and service from the American Oil Chemist Society, the Agriculture and Food Chemistry Division of the American Chemical Society, IFT, the University of Massachusetts, and the University of Kentucky. In 2022, he was appointed as chair of the Food Forum of the National Academies of Sciences, Engineering, and Medicine. Dr. Decker has also been elected to serve as an officer for the American Meat Science Association, IFT, and most recently, as the president of the American Oil Chemist Society. He holds an M.S. in food science and nutrition from Washington State University and a Ph.D. in food science and nutrition from the University of Massachusetts Amherst.



**Michael P. Doyle, Ph.D., M.S.**, is retired regents professor and director of the Center for Food Safety at the University of Georgia, Griffin. From 1977 to 1980, he was senior project leader of corporate microbiology at Ralston Purina Company, and from 1980 to 1991 he advanced from assistant professor to Wisconsin Distinguished Professor of food microbiology at the Food Research Institute at the University of Wisconsin–Madison. He had been a leading researcher in the area of microbiological food safety and worked closely with the food industry, government agencies, and consumer groups on issues related to the microbiological safety of foods. Dr. Doyle has published more than 500 scientific papers on food microbiology and food safety topics and has given more than 900 invited presentations at national and international scientific meetings. He has served on food safety committees of many scientific organizations and has been a scientific advisor to many groups, including the World Health Organization, the International Life Sciences Institute, the U.S. Food and Drug Administration, the U.S. Department of Agriculture, the U.S. Department of Defense, the U.S. Environmental Protection Agency, and many leading national and international food companies. Dr. Doyle is a member of the National Academy of Medicine, has served as a member and chair of numerous committees at the National Academies of Sciences, Engineering, and Medicine, and was the chair of the Food Forum from 2003 to 2011. He has received many awards for his research accomplishments, including the Nicholas Appert Award of the Institute of Food Technologists (IFT). He is a fellow of the American Academy of Microbiology, the American Association for the Advancement of Science, IFT, the International Association for Food Protection, and the National Academy of Inventors. A native of Madison, Wisconsin, Dr. Doyle received his B.S., M.S., and Ph.D. degrees from the University of Wisconsin–Madison in bacteriology/food microbiology.



**Stefanie N. Evans, Ph.D.**, is vice president of food safety, quality, and regulatory affairs at Conagra Brands Inc. In this role, she leads an experienced and talented team of microbiologists, chemists, and quality, sanitation, regulatory, and thermal process specialists who support Conagra's manufacturing facilities, co-manufacturers, and suppliers. Dr. Evans has twenty years of experience and consulting in the food industry across large companies and small start-ups in broad categories of food and beverages including ready-to-eat, frozen, plant-based, fermented, and organic products. She previously spent five years with Conagra Brands and rejoined in 2021 after seven years in positions with WhiteWave Foods, Danone North America, Kite Hill, and small start-ups. She has developed expertise in food manufacturing, quality systems, risk management, and delivering quality products to the market. Dr. Evans has a Ph.D. in food safety microbiology from the University of Nebraska.



**Jessica Fanzo, Ph.D., M.S.**, is professor of climate and the director of the Food for Humanity Initiative at Columbia University's Climate School in New York City. She also serves as the interim director for the International Research Institute for Climate and Society, also known as IRI. Prior to coming to Columbia, she held positions at Johns Hopkins University, the Food and Agriculture Organization (FAO) of the United Nations (UN), the UN World Food Programme, Bioversity International, the Earth Institute, the Millennium Development Goal Centre at the World Agroforestry Center in Kenya, and the Doris Duke Charitable Foundation. She has participated in various collective endeavors, including the Food Systems Economic Commission, the Global Panel of Agriculture and Food Systems for Nutrition Foresight 2.0 report, the Lancet Commission on Anaemia, and the EAT-Lancet Commissions 1 and now 2. She was also the co-chair of the Global Nutrition Report and Team Leader for the UN High-Level Panel of Experts on Food Systems and Nutrition. Dr. Fanzo currently leads the development of the Food Systems Dashboard and the Food Systems Countdown to 2030 Initiative in collaboration with the Global Alliance of Improved Nutrition and FAO. She holds an M.S. and Ph.D. from the University of Arizona.



**Monica N. Feit, Ph.D., M.P.H.**, is the executive director of the Health and Medicine Division at the National Academies of Sciences, Engineering, and Medicine. She has been with the National Academies in various roles for almost fifteen years, including as a senior program officer who staffed reports on LGBT health and integrating primary care and public health. She led an initiative on innovation and launched the Societal Experts Action Network which brought together social science experts to respond to urgent questions related to COVID-19. In addition, Dr. Feit was a member of the Senior Executive Service in the Department of Health and Human Services, where she held leadership positions at the Substance Abuse and Mental Health Services Administration and the Office of the Assistant Secretary for Planning and Evaluation. She served as an APHA Fellow on the Senate Committee on Health, Education, Labor, and Pensions and worked in international health for many years including in Bosnia and Herzegovina, Niger, and South Africa. She received her B.A. from Smith College, M.P.H. from Columbia University, and Ph.D. from London South Bank University.



**Naomi K. Fukagawa, M.D., Ph.D.**, is director of the U.S. Department of Agriculture (USDA) Agricultural Research Service's (ARS) Beltsville Human Nutrition Research Center and professor of medicine emerita at the University of Vermont (UVM). She is a board-certified pediatrician with expertise in nutritional biochemistry and metabolism, including protein and energy metabolism, oxidants and antioxidants, and the role of diet in aging and chronic diseases. She was president of the American Society for Clinical Nutrition and the American Society for Nutrition and served as vice-chair of the 2010 Dietary Guidelines Advisory Committee. She served as an associate editor of the American Journal of Clinical Nutrition and editor-in-chief of Nutrition Reviews. Her clinical training included residency at the Children's Hospital of Philadelphia at the University of Pennsylvania, chief residency at UVM, and nutrition/gerontology fellowships at the Children's Hospital and Beth Israel Hospital at the Harvard Medical School (HMS). She was assistant professor at HMS and the Massachusetts Institute of Technology (MIT), serving as director of the Nutrition Support Service at the Boston Children's Hospital. She was also assistant professor at the Rockefeller University and served as the associate director of the Clinical Research Centers at MIT, Rockefeller University, and UVM. She continues research ranging from cells and animals to in vivo studies in human volunteers with a focus on the impact of environmental stressors (metabolic or physical) on health, specifically the impact of exposure to particulate matter generated from the combustion of petrodiesel and biodiesel fuels. As a leader of the team responsible for the USDA ARS FoodData Central, an integrated food composition data system, she promotes environmentally friendly and sustainable food production and supports accessible, affordable, and nutritious food supply for all. She is also a member of the National Academies of Sciences, Engineering, and Medicine's Food Forum. She received her Ph.D. from MIT and M.D. from Northwestern University.



**Stephanie K. Goodwin, Ph.D., M.P.H., R.D.**, is director of nutrition policy for the public affairs and government team at Danone North America. Danone is a purpose-driven global food and beverage manufacturer and in North America is a Public Benefit Corporation, and a proud Certified B Corporation® with the mission of "health through food to as many people as possible." She has been with Danone for 9 years, first on the science team, and then on the regulatory affairs team. Prior to joining Danone, Dr. Goodwin worked within the Office of the Assistant Secretary for Health, U.S. Department of Health and Human Services on the 2015 Dietary Guidelines supporting the Advisory Committee on Sustainable Diets. She is also a member of the National Academies of Sciences, Engineering, and Medicine's Food Forum. She is a registered dietitian, and earned an M.P.H. in health education, as well as her Ph.D. in human nutrition and public policy from Virginia Tech. She completed her post-doctoral fellowship in metabolic science at the National Institutes of Health.



**Christina Khoo, Ph.D.**, is director of emerging science, nutrition, and regulatory affairs at Ocean Spray Cranberries, Inc. She leads a team responsible for providing scientific substantiation for the development of functional health products and regulatory guidance for messaging and claims. During her tenure, Dr. Khoo successfully obtained the first FDA-qualified health claim for a food (cranberry) to help reduce an acute urinary tract infection. She also led initiatives on novel foods and GRAS approvals. She is also responsible for emerging science and technology scouting, spearheading several projects with start-up companies, and evaluating technologies from farm to fork to help accelerate innovation and sustainability initiatives. As an influencer, she has taken on leadership roles in cross-sector initiatives, such as chair of the Institute for the Advancement of Food and Nutrition Sciences bioactives committee and the cognitive health working group. She serves as treasurer of the National Berry Crops Alliance board and is currently chair of the Juice Products Association Board of Directors. Dr. Khoo participates actively as a member of the National Academies of Sciences, Engineering, and Medicine's Food Forum, as well as the Tufts Friedman School Food and Nutrition Innovation Institute as the co-chair of the bioactives working group, where she collaborates with cross-sector partners to work on important food and nutrition issues. Dr. Khoo received her Ph.D. from the Food Science and Human Nutrition Department at the University of Florida and completed a postdoctoral fellowship at Harvard T.H. Chan School of Public Health's Department of Nutrition.



**Ajay (AJ) P. Malshe, Ph.D.**, is R. Eugene and Susie E. Goodson Distinguished Professor of Mechanical Engineering and Agriculture and Biological Engineering (by Courtesy) at Purdue University. He is the Inaugural Director of the Materials and Manufacturing Research Laboratories and co-director of Purdue's Engineering Initiative for eXcellence in Manufacturing and Operations. He has a collective professional experience of 40 years, partly overlapping, in industries and academia. Areas of his core competencies are advanced manufacturing, multifunctional-resilient-sustainable bio-inspired designing, functional multi-materials, frugal engineering, and system integration and productization. Over the decades, application areas of his interest and contributions are biomanufacturing for future foods and farms at the point of need, heterogeneous microelectronics for high-density systems, nanomanufacturing for extreme machines, in-space servicing, assembly, and manufacturing. Malshe has trained more than 1,400 graduate and undergraduate students, published over 225 peer-reviewed manuscripts, and received over 28 patents. His patents resulted in more than 20 award-winning engineered products applied by leading corporations around the world. Dr. Malshe serves multiple professional organizations in various roles as a committee member and board member. For example, he is a member of Sci-Tech Advisory Board of Good Food Institute and a committee member in the Responsive Agriculture Study, Texas A&M University Institute for Advancing Health Through Agriculture, and the Chicago Council on Global Affairs. He is a member of the National Academy of Engineering, and he has received more than 45 international honors for scientific discoveries, engineering innovations, and breakthrough products, such as fellowships to the American Association for the Advancement of Science, American Society of Mechanical Engineers, American Society of Materials, International Academy of Production Engineering, National Academy of Inventors, and Institute of Physics Wu Research Implementation Award, three Edison Awards for Innovation, and an R&D 100 Award. Dr. Malshe holds a Ph.D. in physics from Savitribai Phule Pune University in Maharashtra, India, and completed his post-doctorate at The Ohio State University.



**Susan T. Mayne, Ph.D.**, is former director of the Center for Food Safety and Applied Nutrition (CFSAN) at the U.S. Food and Drug Administration (FDA) and an internationally recognized public health leader. Serving in this position from January 2015 to May 2023, Dr. Mayne led the Center's development and implementation of programs and policies related to the safety and labeling of foods covering approximately 80 percent of the U.S. food supply. CFSAN's responsibilities also include fostering the development of healthier foods and ensuring that consumers have access to accurate and useful information to make healthy food choices. During her tenure as CFSAN director, the Center advanced landmark food safety and nutrition policies including the implementation of the FDA Food Safety Modernization Act (FSMA), Closer to Zero to reduce toxic elements in foods for babies and young children, trans fat reduction, updating the iconic nutrition facts label to include added sugars, issuing sodium reduction targets for industry across more than 160 categories of food, and implementing menu labeling so consumers can access calorie and nutrition information when consuming foods away from home. Prior to joining the FDA, she spent nearly three decades at Yale University, where she held an endowed chair as the C.-E.A. Winslow Professor of Epidemiology. Her distinguished career there included two leadership positions: chair of the Department of Chronic Disease Epidemiology and associate director of the Yale Cancer Center. Dr. Mayne has conducted extensive research on food, nutrition, and health. She is author/co-author of nearly 250 scientific publications and her work has been cited more than 17,000 times. She completed two terms on the Food and Nutrition Board of the National Academies of Sciences, Engineering, and Medicine, and served on numerous committees including committees to establish Dietary Reference Intakes, prior to joining the FDA. Dr. Mayne received a B.A. in chemistry from the University of Colorado, and a Ph.D. in nutritional sciences, with minors in biochemistry and toxicology, from Cornell University.



**Marcia McNutt, Ph.D.**, is a geophysicist and the 22nd president of the National Academy of Sciences. From 2013 to 2016, she was editor-in-chief of Science journals. Dr. McNutt was director of the U.S. Geological Survey (USGS) from 2009 to 2013, during which time USGS responded to a number of major disasters, including the Deepwater Horizon oil spill. For her work to help contain that spill, she was awarded the U.S. Coast Guard's Meritorious Service Medal. She is a fellow of the American Geophysical Union (AGU), Geological Society of America, the American Association for the Advancement of Science, and the International Association of Geodesy. Dr. McNutt is a member of the National Academy of Engineering, the American Philosophical Society, and the American Academy of Arts and Sciences, a Foreign Member of the Royal Society, U.K., the Russian Academy of Sciences, and the Chinese Academy of Sciences, and a Foreign Fellow of the Indian National Science Academy. In 1998, Dr. McNutt was awarded the AGU's Macelwane Medal for research accomplishments by a young scientist, and she received the Maurice Ewing Medal in 2007 for her contributions to deep-sea exploration. She holds a B.A. in physics from Colorado College and Ph.D. in earth sciences from the Scripps Institution of Oceanography.



**Xavier Morales, Ph.D., M.R.P.**, is executive director for the Praxis Project, a national organization that centers equity and community power in efforts to transform policies, systems, structures, and practices that underlie inequity and injustice. Before Praxis, he led the Latino Coalition for a Healthy California. At both organizations, Dr. Morales has worked to center health, equity, and racial justice as a foundation for organizational goals and strategies. While adopting and advocating for a Learning Circle/Community of Practice approach to accompany our power-building partners in their efforts to address community-defined justice priorities, he strives for the Praxis Project's work to be less extractive and create a space for bidirectional learning where all expertise is heard and

valued. Dr. Morales has spent the last 20 years learning from community advocates and, before that, he received a B.A. in environmental science from the University of California, Berkeley, and an M.R.P and Ph.D. from Cornell University's Department of City and Regional Planning.



**Megan Nechanicky, M.S., R.D.**, is nutrition manager for North America Retail and Global Health & Wellness communications, where her team provides strategic direction for business and R&D partners related to health and wellness. She also leads a team focused on communications with stakeholders on the company's nutrition commitments and advancements and works externally with government, trade associations, and academic institutions to positively position General Mills for future growth. In 2017, Ms. Nechanicky completed a 6-month international assignment in the General Mills Nyon, Switzerland office where she gained experience living and working within the Europe and Australian Region to build and advance nutrition science, research, and

communications. When Ms. Nechanicky first joined General Mills in 2014, she led health influencer communications for some of General Mills' largest brands including Cheerios, Fiber One, and Nature Valley. In this role, she delivered cutting-edge science, consumer trends, and new product development and marketing to health influencers such as dietitians, physicians, nurses, and fitness professionals. Prior to General Mills, she was the first dietitian to work at the President's Council on Fitness, Sports and Nutrition. In her role, Ms. Nechanicky led nutrition and physical activity-related initiatives and events. She was also responsible for the Department of Health and Human Services coordination of First Lady Michelle Obama's Let's Move! initiative to end childhood obesity within a generation. She served on the Federal steering committee to develop the U.S. Department of Health and Human Services Physical Activity Guidelines Midcourse Report and coordinated the communications strategy and report launch in 2013. She is also a member of the National Academies of Sciences, Engineering, and Medicine's Food Forum. Ms. Nechanicky is a registered dietitian and holds a bachelor's degree in food marketing from Saint Joseph's University in Philadelphia, PA, and a dual master's degree in exercise physiology and nutrition from San Diego State University.



**Sam R. Nugen, Ph.D.**, is professor of food and biosystems engineering in the Department of Food Science at Cornell University, and was previously assistant professor at the University of Massachusetts Amherst. His research group utilizes synthetic biology and phage-based biosensors to develop novel methods to separate and detect pathogens from complex matrices such as food and environmental samples. He is also a member of the National Academies of Sciences, Engineering, and Medicine's Food Forum. Dr. Nugen received his B.S. in animal science from the University of Vermont and his M.S. in food science from Cornell University. He then joined Kraft Foods as a research engineer. He returned to Cornell for his doctorate and post-doctorate work in the

departments of Food Science and Biological Engineering, respectively.





**Angela Odoms-Young, Ph.D., M.S.**, is the Nancy Schlegel Meinig Associate Professor of Maternal and Child Nutrition, and director of the Food and Nutrition Education in Communities Program (FNEC) and New York State Expanded Food and Nutrition Education Program (EFNEP). Prior to joining Cornell Dr. Odoms-Young served on the faculty at the University of Illinois at Chicago in the Department of Kinesiology and Nutrition. Her research explores social and structural determinants of dietary behaviors and diet-related diseases in low-income and Black/Latinx populations and centers on identifying culturally appropriate programs and policies that promote health equity, food justice, and community resilience. Dr. Odoms-Young has over twenty years of experience

partnering with communities to improve nutrition and health and over 200 academic publications, book chapters, and presentations. She has served on numerous advisory committees and boards, including the National Academies of Sciences, Engineering, and Medicine's Food and Nutrition Board, the Institute of Medicine (now the Health and Medicine Division) committees to develop the nutrition standards for the National School Lunch Program/School Breakfast Program and revise the food packages provided in the Supplemental Program for Women, Infants, and Children (WIC), and Council on Black Health. Dr. Odoms-Young has also been a member of the Board of the Greater Chicago Food Depository (previous), American Heart Association Chicago Metro Board (current), Grow Greater Englewood (current), and Blacks in Green (current). She also currently is the inaugural Equity Visiting Scholar at Feeding America. Dr. Odoms-Young received her B.S. in foods and nutrition from the University of Illinois at Urbana-Champaign and M.S./Ph.D. in community nutrition from Cornell University. Additionally, she completed a family research consortium postdoctoral fellowship examining family processes in diverse populations at the Pennsylvania State University and the University of Illinois at Urbana-Champaign, as well as a community health scholars fellowship in community-based participatory research at the University of Michigan School of Public Health.



**Haley Oliver, Ph.D.**, is 150th Anniversary Professor and assistant dean for online programs in the College of Agriculture, and the director of the United States Agency for International Development (USAID) Feed the Future Food Safety Innovation Lab. As director of the Food Safety Innovation Lab, she develops and oversees USAID's food safety research portfolio currently implemented in Senegal, Kenya, Bangladesh, Cambodia, Nigeria, and Nepal. She has over ten years of food security field experience in low- and middle-income economies. Dr. Oliver's domestic research focuses on foodborne pathogens in emerging food systems (e.g., cellular agriculture) with an emphasis on practical and feasible control strategies. Throughout her tenure, she has taught food microbiology, food safety, sanitation, and related subjects. She is deeply committed to active learning and has worked tirelessly to ensure diversity, equity, and inclusion in her classroom and research programs. She has received the U.S. Department of Agriculture (USDA) and the Association of Public and Land-Grant Universities John Morrill Award, Purdue University Carine Alexander Spirit of the Land-Grant Award, the USDA Food and Agriculture Science Excellence in Teaching Regional Career Award, the Charles B. Murphy Teaching Award, the International Association for Food Protection James M. Jay Diversity in Food Award. She is also a member of the National Academies of Sciences, Engineering, and Medicine's Food Forum. She completed her B.S. in molecular biology and microbiology at the University of Wyoming and received her Ph.D. in food science, with minors in epidemiology and microbiology, at Cornell University.



**Christian Peters, Ph.D., M.S.**, is research leader of the U.S. Department of Agriculture (USDA) Agricultural Research Service (ARS) Food Systems Research Unit in Burlington, Vermont. He came to the USDA in 2021 to establish this new unit, the first at ARS to focus on food systems. Dr. Peters studies the sustainability of food systems using computational modeling and through interdisciplinary research. Some of his best-known work includes the development of a modeling framework for estimating land requirements of diets and human carrying capacity and an approach for mapping potential foodsheds. Before joining ARS, Dr. Peters was an associate professor in the Friedman School of Nutrition Science and Policy at Tufts University, where he taught in the Agriculture, Food and Environment graduate degree program for 11 years. He joined Tufts University as an assistant professor in 2010 and was promoted to associate professor, with tenure, in 2016. Dr. Peters received his B.S. in environmental sciences from Rutgers, The State University of New Jersey, and his M.S. and Ph.D. in soil and crop sciences from Cornell University.



**Guy Poppy, D.Phil, CB, FmedSci**, is executive chair of the Biotechnology and Biological Sciences Research Council (BBSRC) at UK Research and Innovation (UKRI) and the UKRI executive sponsor of food (including agriculture and health) research and innovation. He previously served as the Food Standard Agency's chief scientific adviser (CSA) from 2014 to 2020. In this role, Dr. Poppy provided expert scientific advice to the U.K. government and played a critical role in helping to understand how scientific developments would shape the work of the FSA as well as the strategic implications of any possible changes. His series of CSA reports have reached a very wide audience and have had an impact on issues ranging from antimicrobial resistance to big data and whole genome sequencing through to the Food Hygiene Rating Scheme. After completing his term of six years at the FSA, Dr. Poppy became the programme director for the UKRI's Strategic Priorities Fund (SPF) Transforming the UK Food Systems programme, a £47.5 million interdisciplinary research programme that brings together researchers from almost 40 research organisations and over 200 private and public sector organisations, including almost 20 government departments/agencies. From July 2022 to June 2023, he was the deputy executive chair of BBSRC focused on strategy and external engagement within BBSRC and UKRI, and engagement with stakeholders of the biosciences. Dr. Poppy has significant research experience in food systems and food security and has advised governments around the world on these issues. He has published over 100 peer-reviewed papers including a number of highly cited articles on risk assessment, risk analysis and risk communication. He was appointed Companion of the Order of Bath (CB) in the Queen's Birthday Honours 2021 and made a fellow of the Academy of Medical Sciences (FmedSci) in 2022. Dr. Poppy holds a B.Sc. in biology from Imperial College London and a D.Phil in chemical ecology from Oxford University.



**Sharon Ross, Ph.D., M.P.H.**, is program director in the Nutritional Science Research Group, Division of Cancer Prevention at the National Cancer Institute (NCI) of the National Institutes of Health. In this capacity, she is responsible for directing, coordinating, and managing a multi-disciplinary research grant portfolio in diet, nutrition, and cancer prevention. Prior to joining the NCI, Dr. Ross worked at the Center for Food Safety and Applied Nutrition at the Food and Drug Administration (FDA). At FDA, she was involved in scientific review and regulation development for health claim labeling. Before FDA, Dr. Ross was a cancer prevention fellow in the Division of Cancer Prevention and Control at NCI. She is also a member of the National Academies of Sciences, Engineering, and Medicine's Food Forum. Dr. Ross holds a B.S. in nutrition and dietetics from the University of New Hampshire, an M.S. in nutritional sciences from the University of Connecticut, and an M.P.H. from Johns Hopkins University School of Public Health with an emphasis in epidemiology. Dr. Ross has a Ph.D. in nutritional sciences from the University of Maryland, College Park and she did her doctoral dissertation research in the Laboratory of Cellular Carcinogenesis and Tumor Promotion at NCI where her research topic concerned the effects of retinoids in growth, differentiation, and cell adhesion.



**Sylvia Rowe, M.A.T.**, is president of SR Strategy, which addresses the science to communications to policy continuum on a broad range of global food system issues including agriculture, food, nutrition, and sustainability. She is also an adjunct professor at the University of Massachusetts Amherst and Tufts Friedman School of Nutrition Science and Policy. In addition to serving as chair of the Food Forum from 2015-2021, Ms. Rowe is a member of the Food and Nutrition Board and the Roundtable on Obesity Solutions at the National Academies of Sciences, Engineering, and Medicine. She served as a committee member for the National Academies' report *Communicating Science Effectively: A Research Agenda*. Ms. Rowe is a Contributing Editor and columnist of *Nutrition Today*, serves on the Tufts' Nutrition Advisory Council and has been recognized as an Honorary Member of the Academy of Nutrition and Dietetics. Previously, she served as president and chief executive officer of the International Food Information Council (IFIC) and IFIC Foundation, in Washington, DC. She has served on several boards and advisory committees of the following: American Heart Association, The Obesity Society, Food Allergy and Anaphylaxis Network, American Society for Nutrition, Washington D.C. Mayor's Commission on Food, Nutrition and Health, Grains for Health Foundation, University of Rochester Medical Center, Food and Drug Law Institute, Society for Nutrition Education Foundation, Maryland Title IX Commission, and the American Society of Association Executives Foundation. She is also a member of the International Women's Leadership Forum, the National Press Club, and several scientific societies. Ms. Rowe received a bachelor's degree from Wellesley College and was awarded a master's degree from Harvard University, both with honors.



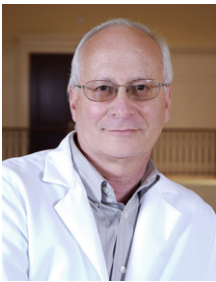
**Pamela Starke-Reed, Ph.D.**, is deputy administrator for Nutrition, Food Safety, and Product Quality/New Uses at the Agricultural Research Service (ARS) of the U.S. Department of Agriculture (USDA). Dr. Starke-Reed also serves as the ethics officer and scientific integrity officer for ARS. Prior to ARS, she served at the National Institutes of Health (NIH) as deputy director of the Division of Nutrition Research Coordination and coordinated the ongoing nutritional sciences, obesity and physical activity research at NIH. Her previous positions include 10 years with the NIH National Institute on Aging as director of the Office of Nutrition and program director for the Nutrition and Metabolism and Protein Structure and Function Research Programs. Her previous positions include biologist with the Food and Drug Administration's Center for Food Safety and Applied Nutrition and assistant professor with the Department of Medicine of George Washington University (GWU) in Washington DC. Since 1991, Dr. Starke-Reed has served as adjunct professor with the GWU Medical Center in Washington D.C. Dr. Starke-Reed was named co-executive secretary for the Interagency Committee for Human Nutrition Research (ICHNR) under the Chairs of the Research, Education, and Economics Undersecretary USDA and the Health and Human Services assistant secretary of health. The ICHNR is a trans-federal government committee established to improve coordination and increase the effectiveness and productivity of Federal agencies engaged in nutrition research. She is also a member of the National Academies of Sciences, Engineering, and Medicine's Food Forum. She earned her B.S. in biology at St. Lawrence University and her Ph.D. in pathology at Hahnemann University.



**Mary T. Story, Ph.D., M.S., R.D.**, is professor of global health and family medicine and community health and associate director for academic programs at the Duke Global Health Institute at Duke University. Prior to starting this position in January 2014, she was senior associate dean for academic and student affairs and professor in the Division of Epidemiology and Community Health in the School of Public Health, University of Minnesota where she was also adjunct professor in the Department of Pediatrics, School of Medicine. Since 2005, she has directed the Robert Wood Johnson Foundation's national program Healthy Eating Research focused on policy-relevant solutions to preventing child obesity and improving nutrition, especially for youth from low-income and minority communities. Her research focuses primarily on obesity prevention and nutrition in low-income and minority youth and their families. Much of her research was on American Indian reservations. She has nearly 500 scientific publications in the area of child and adolescent nutrition and obesity. In 2010, she was elected to the Institute of Medicine (now the National Academy of Medicine). She was co-vice chair of the National Academies of Sciences, Engineering, and Medicine's Roundtable on Obesity Solutions from 2013-2019. She served on the U.S. Health and Human Services/U.S. Department of Agriculture 2015-2020 Dietary Guidelines Advisory Committee and served a 6-year term on the National Academies' Food and Nutrition Board and is a member of the Food Forum. She holds an M.S. in food science from the University of Tennessee, a Ph.D. in nutrition science from Florida State University, and she is a registered dietitian.



**Patrick J. Stover, Ph.D.**, is director of the Institute for Advancing Health through Agriculture and professor of Biochemistry and Biophysics and Texas A&M University. The Stover research group investigates the fundamental chemical, biochemical, genetic, and epigenetic mechanisms, and their associated pathways within the one-carbon metabolic network, that underlie the relationships among nutrition, metabolism, and risk for birth defects, cancer, and neurodegenerative diseases. Previously, Dr. Stover was vice chancellor and dean for Agriculture and Life Sciences at Texas A&M AgriLife. As vice chancellor, Dr. Stover oversaw the coordination and collaboration of the agriculture, academic, and research programs across The Texas A&M University System, as well as four state agencies: Texas A&M AgriLife Research, Texas A&M AgriLife Extension Service, Texas A&M Veterinary Medical Diagnostic Laboratory and Texas A&M Forest Service. As dean of the College of Agriculture and Life Sciences, Dr. Stover led more than 7,000 students and 330 faculty members in 15 academic departments. He previously directed the Division of Nutritional Sciences at Cornell University. An international leader in biochemistry and nutrition, Dr. Stover focuses his research on the biochemical, genetic, and epigenetic mechanisms that underlie the relationships between folic acid and human pathologies such as developmental anomalies, neuropathies, and cancer. He is an elected member of the National Academy of Sciences and a fellow of the American Association for the Advancement of Science. He is also former president of the American Society for Nutrition and has served two terms on the National Academies of Sciences, Engineering, and Medicine's Food and Nutrition Board and is a member of the Food Forum. Dr. Stover received his Ph.D. in biochemistry and molecular biophysics from the Medical College of Virginia.



**Steven H. Zeisel, M.D., Ph.D.**, is professor emeritus in the Department of Nutrition in the Gillings School of Global Public Health and School of Medicine at the University of North Carolina at Chapel Hill. He is internationally recognized for his work in precision nutrition and genetics as it modifies human metabolism. Dr. Zeisel proved that people require the essential nutrient choline for normal muscle and liver function, and he showed that choline is especially important during pregnancy and lactation, as choline is critical for brain and eye development. He has authored more than 380 scientific publications. Dr. Zeisel is currently working with SNP Therapeutics to bring precision nutrition to the public; the company's first product is a genetic test for pregnant women to help them identify whether they have common treatable roadblocks in metabolism that might affect the delivery of nutrients to their fetus. He earned his M.D. from Harvard Medical School, was a resident in pediatrics at Yale University, and earned his Ph.D. in nutrition at the Massachusetts Institute of Technology.

# Food Forum Membership Roster

## **Eric A. Decker, Ph.D., M.S. (Chair)**

*Professor  
Department of Food Science  
University of Massachusetts, Amherst*

## **Rodolphe Barrangou, Ph.D., M.B.A., M.S.**

*Todd R. Klaenhammer Distinguished Professor in Probiotics Research  
Department of Food Bioprocessing and Nutrition Sciences  
North Carolina State University*

## **Wendy Attaya Boland, Ph.D.**

*Dean of Graduate & Professional Studies  
Associate Professor of Marketing  
Kogod School of Business  
American University*

## **Cindy Davis, Ph.D.**

*National Program Leader for Human Nutrition  
Agricultural Research Service  
U.S. Department of Agriculture*

## **Emily Dimiero, M.S.**

*Director  
Federal Government Relations  
Cargill*

## **Denise R. Eblen, Ph.D.**

*Assistant Administrator  
Office of Public Health Science  
Food Safety and Inspection Service  
U.S. Department of Agriculture*

## **Naomi K. Fukagawa, M.D., Ph.D.**

*Director  
Beltsville Human Nutrition Research Center  
Agricultural Research Service  
U.S. Department of Agriculture*

## **Jaime J. Gahche, Ph.D., M.P.H.**

*Director of Population Studies Program  
Office of Dietary Supplements  
National Institutes of Health*

## **Cutberto Garza, M.D., Ph.D.**

*Professor Emeritus  
Division of Nutritional Sciences  
Cornell University*

## **Stephanie K. Goodwin, Ph.D., M.P.H., R.D.**

*Director  
Nutrition Policy  
Public & Government Affairs  
Danone North America*

## **M.R.C. Greenwood, Ph.D.**

*Distinguished Professor of Nutrition  
University of California, Davis*

## **Martin Hahn, J.D.**

*Partner  
Hogan Lovells*

## **Bryan Hitchcock**

*Senior Vice President  
Institute of Food Technologists*

## **Terry T-K Huang, Ph.D., M.P.H., M.B.A.**

*Department Chair  
Director  
Health Policy and Management  
Center for Systems and Community Design  
City University of New York School of Public Health  
and Health Policy*

## **Eva Hurt, M.A.**

*Vice President  
Scientific and Regulatory Affairs  
The Coca-Cola Company*

## **Renée S. Johnson, M.S.**

*Specialist  
Agricultural Policy  
Congressional Research Service  
Library of Congress*

**Christina Khoo, Ph.D.**

Director  
Emerging Science, Nutrition & Regulatory Affairs  
Ocean Spray Cranberries, Inc.

**Alice H. Lichtenstein, D.Sc., M.S.**

Gershoff Professor of Nutrition Science and Policy  
Director  
Cardiovascular Nutrition Laboratory  
Tufts University

**Peter Lurie, M.D., M.P.H.**

President  
Center for Science in the Public Interest

**Megan Nechanicky, M.S., R.D.**

Nutrition Manager  
Bell Institute of Health and Nutrition  
General Mills

**Roni Neff, Ph.D., Sc.M.**

Associate Professor  
Senior Advisor  
Food System Environmental Sustainability and Public Health  
Center for a Livable Future  
Johns Hopkins Bloomberg School of Public Health

**Sam R. Nugen, Ph.D., M.S.**

Professor  
Food & Biosystems Engineering  
Cornell University

**Sarah Ohlhorst, M.S., R.D.**

Chief  
Science Policy Officer  
American Society for Nutrition

**Haley F. Oliver, Ph.D.**

150<sup>th</sup> Anniversary Professor  
Assistant Dean for Online Programs  
College of Agriculture  
Director  
USAID Feed the Future Food Safety Innovation Lab  
Purdue University

**Donald A. Prater, D.V.M.**

Acting Director  
Center for Food Safety and Applied Nutrition  
U.S. Food and Drug Administration

**Jill Reedy, Ph.D., M.P.H., R.D.**

Chief  
Risk Factor Assessment Branch  
Epidemiology and Genomics Research Program  
Division of Cancer Control and Population Sciences  
National Cancer Institute

**Kristin Reimers, Ph.D., R.D.**

Nutrition Research Fellow  
Conagra Brands

**Brian Ronholm, M.A.**

Director  
Food Policy  
Consumer Reports

**Sharon A. Ross, Ph.D., M.P.H.**

Program Director  
Nutritional Science Research Group  
Division of Cancer Prevention  
National Cancer Institute  
National Institutes of Health

**Sylvia Rowe, M.A.T.**

President  
SR Strategy, LLC

**Jennifer Sallit, Ph.D., R.D.N.**

Global Senior Director  
Nutrition Strategy & Communications  
Mondelēz International

**Jessica Smith, Ph.D.**

Senior Principal Scientist  
Scientific and Regulatory Affairs  
Mars Wrigley North America

**Pamela Starke-Reed, Ph.D.**

Deputy Administrator  
Nutrition, Food Safety, and Quality  
Agricultural Research Service  
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**Mary T. Story, Ph.D., M.S., R.D.**

*Professor  
Global Health, and Family Medicine and Community Health  
Director  
Academic Programs, Duke Global Health Institute  
Director  
Healthy Eating Research National Program, Robert Wood  
Johnson Foundation  
Duke University*

**Patrick J. Stover, Ph.D.**

*Director  
Institute for Advancing Health Through Agriculture  
Texas A&M AgriLife  
Texas A&M University*

**Cheryl Toner, M.S., R.D.N.**

*Director  
Food Sector Engagement  
American Heart Association*

**Dorothea K. Vafiadis, M.S., FAHA**

*Director  
Health Partnerships and Strategic Engagement  
Center for Healthy Aging  
National Council on Aging*

## **Staff**

**Heather Del Valle Cook, M.P.A.**

*Food Forum Director, Senior Program Officer*

**Cypress Lynx, M.P.H.**

*Associate Program Officer*

**Meredith Parr**

*Research Assistant*

**Ann L. Yaktine, Ph.D., M.S., R.D.**

*Food and Nutrition Board Director*



# Former Food Forum Chairs, Members, and Staff

Listed alphabetically

## Former Chairs

Francis (Frank) F. Busta (2011 – 2014) University of Minnesota, Minneapolis

Fergus (Ferg) M. Clydesdale (1996 – 2002) University of Massachusetts Amherst

Michael P. Doyle (2003 – 2011) University of Georgia

Richard Hall (1992 – 1996) Independent Consultant

Sylvia Rowe (2015 – 2021) SR Strategy, LLC

Robert Brackett (2004 – 2007) Illinois Institute of Technology

Robert Burns (2003 – 2006) Mead Johnson Nutritionals

David Call (1992 – 1993) Cornell University

Julie Caswell (2005 – 2010) University of Massachusetts Amherst

Nancy Childs (1999 – 2004) St. Joseph's University

Celeste Clark (2006 – 2011) Kellogg Company

Paul Coates (2011 – 2018) NIH/ODS

David Cockram (2007 – 2016) Abbott Laboratories

Marsha Cohen (1996 – 2001) Hastings College of Law

John Cohnsen (1996 – 1998) U.S. House of Representatives

Joaquin Cravioto (1994 – 1996) Instituto Nacional de Pediatría

Dick Crawford (2003 – 2009) McDonald's Corporation

Lester Crawford (2002 – 2005) Veterinarian

Susan Crockett (2003 – 2012) University of Minnesota

Richard D'Aloisio (2014 – 2014) Mondelēz International

Arnold Denton (1999 – 1999) Campbell Soup Company

Debra DeMuth (2009 – 2010) McDonald's Corporation

Caroline Smith DeWaal (2011 – 2015) Center for Science in the Public Interest

Karen Dodds (2002 – 2003) Health Canada

Mark Dreher (2002 – 2005) McNeil Nutritionals

Robert Drotman (1996 – 2003) Frito-Lay, Inc.

Joy Dubost (2017 – 2021) Unilever

## Former Members

David W.K. Acheson (2007 – 2008) FDA

Perry Adkisson (1992 – 1997) Texas A&M University-College Station

Nelson Almeida (2013 – 2016) Kellogg Company

Pamela Anderson (2005 – 2007) Abbott Laboratories

Mark Andon (2009 – 2016) Conagra Brands

Rhona Applebaum (2005 – 2010) Coca-Cola Company

Arti Arora (2016 – 2021) Coca-Cola Company

James Astwood (2007 – 2009) Conagra Brands

Connie Avramis (2016 – 2017) Unilever

David Baer (2014 – 2016) USDA/ARS

Janet Beauvais (2007 – 2009) Health Canada

Sujatha Bergen (2020 – 2021) National Resources Defense Council

Larry Beuchat (2000 – 2004) University of Georgia

Thomas Billy (1996 – 1997) USDA/FSIS

Diane Birt (1994 – 1998) Iowa State University

Susan Borra (2006 – 2011) Food Marketing Institute

Charles Duncan (1998 – 1999) Hershey Company

Mary Engle (2005 – 2005) FTC

Hamed Faridi (2007 – 2008) McCormick & Company Inc.

Kent Foster (1994 – 1996) Health Canada

William Franke (1998 – 2000) Rutgers, The State University of New Jersey, New Brunswick

Michael Freeman (1995 – 1999) FDA

William Fry (2002 – 2006) Mars, Inc.

Victor Fulgoni, III (1997 – 1999) Nutrition Impact, LLC

E. Spencer Garrett (1995 – 2003) National Marine Fisheries Service

Samuel Godefroy (2009 – 2015) Health Canada

Michael Goldblatt (1994 – 1998) Functional Genetics

David Goldman (2006 – 2018) USDA/FSIS

Lynn Goldman (1994 – 1998) The George Washington University

Daniel Goldstein (2014 – 2018) Monsanto

Cynthia Goody (2010 – 2014) McDonald's Corporation

Danielle Greenberg (2013 – 2018) PepsiCo

Sonya Grier (2011 – 2018) American University

Edward Groth, III (1992 – 1997; 2005 – 2010) Groth Consulting Services

Brenda Halbrook (2005 – 2016) USDA/FNS

Jean Halloran (2016 – 2019) Consumer Reports

Darlene Hardie-Muncy (2007 – 2011) Cargill

Jackie Haven (2017 – 2018) USDA/CNPP

Dennis Heard (1994 – 1996) Frito-Lay, Inc.

Arthur Hecker (1995 – 2004) Abbott Laboratories

Jerry Hjelle (1996 – 2014) Monsanto

Kate Houston (2011 – 2020) Cargill

Van Hubbard (2007 – 2016) NIH/NIDDK

Lee-Ann Jaykus (2011 – 2018) North Carolina State University

Gordon Jensen (2009 – 2016) University of Vermont

Helen Jensen (2014 – 2020) Iowa State University

Patricia Jensen (1994 – 1995) USDA/ARS

Elizabeth Johnson (1998 – 1999) U.S. Senate

Wendy Johnson (2011 – 2020) Nestle

William Kelly Jones (1997 – 2001) Nabisco Foods Group

Gene Kahn (2011 – 2013) Bill & Melinda Gates Foundation

Carol Kellar (2009 – 2012) Kraft Heinz

David Kessler (1992 – 1994) UC San Francisco

Susanne Kettler (2021 – 2022) Mondelēz International

Chor San Khoo (2009 – 2011) Campbell Soup Company

Jozef Kokini (2000 – 2001) Rutgers, The State University of New Jersey, New Brunswick

Lore Kolberg (2017 – 2018) Tate & Lyle

Vivica Kraak (2016 – 2022) Virginia Tech

Susan Krebs-Smith (2016 – 2018) NIH/NCI

Catherine Kwik-Urbe (2015 – 2023) Mars, Inc.

Michael Landa (2010 – 2015) FDA

Richard Lane (2003 – 2004) Unilever

Arnold Langbo (1992 – 1993) Kellogg Company

Margaret Leahy (2010 – 2013) Coca-Cola Company

Marc LeMaguer (2000 – 2002) Health Canada

Gilbert Leveille (1992 – 1994; 2002 – 2007) Cargill

Joseph Levitt (1999 – 2003 2020 – 2021) Hogan Lovells, LLP

David Lineback (1995 – 1999) University of Idaho

Franklin Loew (1998 – 2000) Becker College

Joanne Lupton (1999 – 2004) Texas A&M University-  
College Station

Christopher Lynch (2016 – 2020) NIH/NIDDK

Eileen Madden (1994 – 2004) Nestle

Diane Malunowicz (2019 – 2023) Keurig Dr. Pepper

Paul Mayers (2004 – 2006) Health Canada

Susan Mayne (2015 – 2023) FDA

Michael McBurney (2003 – 2005) Kellogg Company

Deirdre McGinley-Gieser (2019 – 2021) American  
Institute for Cancer Research

Karen McIntyre (2016 – 2023) Health Canada

Garry McKee (2003 – 2003) USDA/FSIS

Liz McKnight (2019 – 2019) American Heart Association

Stephen McNamara (1999 – 2003) Hyman, Phelps  
& McNamara, P.C.

Robert McVicker (1994 – 1996) Kraft Heinz

Richard Merrill (1994 – 1998) University of Virginia

Sanford Miller (1992 – 1998) University of Maryland,  
College Park

John Milner (2013 – 2013) USDA/ARS

Bruce Morehead (1994 –1994) National Marine  
Fisheries Service

David Morley (1994 – 1994) Monsanto

Frederick Murphy (2001 – 2002) The University of Texas  
Medical Branch at Galveston

Jaye Nagle (1996 – 1999) Kraft Heinz

Suzanne Nielsen (2014 – 2020) Purdue University

Erik Olson (2011 – 2018) National Resources  
Defense Council

Richard Olson (2013 – 2015) HHS

Michael Pariza (1992 – 1997) University of  
Wisconsin-Madison

George Paterson (1996 – 1999) Health Canada

Jean-Mari Peltier (2002 – 2005) EPA

Merle Pierson (2002 – 2006) USDA/FSIS

Donna Porter (1995 – 2011) Library of Congress  
Congressional Research Service

Robert Post (2016 – 2019) Chobani

Gita Rampersad (2021 – 2022) Feeding America

Urvashi Rangan (2011 – 2011) Consumer Reports

Anita Reed (1992 – 1994) University of Georgia

Lucy Reid (2014 – 2016) Coca-Cola Company

Claudia Riedt (2014 – 2019) Keurig Dr. Pepper

Charles Ritson (2002 – 2002) Unilever

Stephen Rogers (1995 – 1996) Monsanto

Sarah Roller (2011 – 2017) Kelley Drye & Warren, LLP

Kristin Rubin (2016 – 2016) Kraft Heinz

John Ruff (2021 – 2022) Institute of Food Technologists

Kari Ryan (2013 – 2016) Kraft Heinz

Kelsey Freeman Saelens (2020 – 2022) Cargill

Priscilla Samuel (2006 – 2007; 2013 – 2014) Tate & Lyle

Diani Santucci (1998 – 2000) Unilever

Henry Sauls (1994 – 1994) Ross Laboratories, Inc.

Stephen Saunders (2003 – 2005) Frito-Lay, Inc.

Daryl Schaller (1994 – 1997) Kellogg Company

Tracie Sheehan (2000 – 2003) Kellogg Company

Sheri Schellhaass (2000 – 2002) General Mills

William Schultz (1994 – 1994) Zuckerman Spaeder, LLP

Jacqueline Schulz (2016 – 2016) Kraft Heinz

Fred Shank (2001 – 2008) Institute of Food Technologists

Tracie Sheehan (2000 – 2003) Kellogg Company

Mark Silbergeld (1998 – 2002) Consumer Reports

Frances B.A. Smith (2002 – 2005) Consumer Alert

Robert Smith (1999 – 2004) R.E. Smith Consulting, Inc.

Stephanie Smith (1999 – 1999) U.S. Senate

Lisa Spence (2016 – 2017) Tate & Lyle

Janet Steiger (1992 – 1995) FTC

Bruce Stillings (1998 – 2006) Food and Agriculture Consultants, Inc.

William Sveum (2007 – 2009) Kraft Heinz

Susan Sumner (1998 – 2003) Virginia Polytechnic Institute and State University

Stephen Sundlof (2008 – 2010) FDA

Angie Tagtow (2014 – 2017) USDA/CNPP

Maha Tahiri (2013 – 2018) General Mills

Regina Tan (2016 – 2018) USDA/CNPP

Michael Taylor (1995 – 1996) HHS

Stephen Taylor (2005 – 2007) University of Nebraska-Lincoln

Ronald Triani (2000 – 2007) Kraft Heinz

Keith Triebwasser (1997 – 2007) Procter & Gamble Company

Carol Tucker-Foreman (2002 – 2004) Consumer Federation of America

Peter Van Dael (2007 – 2013) Mead Johnson Nutritionals

Donna Vogt (2001 – 2006) Library of Congress Congressional Research Service

Susan Waltman (2003 – 2003) Mead Johnson Nutritionals

Brian Wansink (2005 – 2007) Cornell University

Susan Wayland (1999 – 2001) EPA

Parke Wilde (2011 – 2013) Tufts University

Patricia Williamson (2014 – 2016) Tate & Lyle

Catherine Woteki (1997 – 2010) Iowa State University

Derek Yach (2009 – 2012) The Vitality Group

Jeffrey Zachwieja (2018 – 2019) PepsiCo

Samuel Zeller (2021 – 2022) Unilever

Richard Zimmerman (1992 – 1993) Hershey Company

Barry Zoumas (1994 – 2011) The Pennsylvania State University

## Former Staff Directors

Caitlin Boon (2009 – 2010)

Robert Earl (1992 – 1995)

Maria Oria (2002 – 2007)

Laura Pillsbury (2010 – 2012)

Sandra Schlicker (1995 – 2002)

Leslie Sim (2012 – 2017)

Ann L. Yaktine (2007 – 2009)

## Former Staff

Mariah Bruns (2022 – 2023)

Anna Bury (2016 – 2018)

Sylara Marie Cruz (2018 – 2019)

Andres Gaviria (2013 – 2014)

Geraldine Kennedo (1999 – 2017)

Emily A. Callahan (2009 – 2010)

Romy Nathan (2017 – 2019)

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