

# Full Program



**2022**

**Annual Meeting  
& Science  
Symposium**

**Advancing Science for Impact**

**June 21 – 23  
Washington DC**



# Institute for the Advancement of Food and Nutrition Sciences

## **IAFNS 2022 Annual Meeting and Science Symposium June 22 and June 23, 2022**

**Hybrid Event  
National Press Club  
529 14th St NW, Washington, DC 20045**

The IAFNS Annual Meeting & Scientific Symposium is a forum for the presentation and discussion of research and ideas - focusing on science with impact. The focus will be on science that supports credible decision making by government regulators, industry professionals and academic researchers. The conference offers an exceptional learning environment and brings together a range of experts, including food and nutrition researchers, healthcare professionals, opinion leaders, industry representatives, government officials, and future leaders.



Denotes sessions approved for CEU Credits by CDR. Certificates will be made accessible to participants by email after the meeting.

### **June 21<sup>st</sup>**

**5:30 – 8:00 pm ET**

#### ***Opening Reception***

Dinner-portion heavy hors d'oeuvres and drinks

Speaker: Lisa Gable

Join us for a conversation with Ms. Lisa Gable on *Turnaround and Momentum*. Ms. Gable is a best-selling author, served four U.S. presidents and two governors, counseled Fortune 500 CEOs, and led public and private companies and nonprofits – and lead turnarounds in various sectors.

**June 22<sup>nd</sup>**

**9:30 – 10:30 am ET**

Only Coffee and Tea will be available before the session starts

***Assembly of Members***

IAFNS leadership from the public sector and the private sector will review and share successes and priorities.

**10:30 – 11:00 am ET**

***Break***

Coffee, Tea, and Snacks will be available

**11: 00 am – 12:30 pm ET**

***Addressing ‘Last Mile’ Food Safety Concerns as Consumers Adopt E-Commerce and Delivery***

C

Recent shifts in environment and consumer behavior have led to accelerated adoption of e-commerce and delivery of grocery and prepared food items, bringing to light new food safety concerns and highlighting the need for new measures to ensure products are safe through the last mile of delivery. This session will highlight food safety concerns related to non-traditional facilities, e-commerce and delivery, and highlight innovative approaches to addressing these concerns.

**Speakers:**

Donald Schaffner, Distinguished Professor, Rutgers University - Moderator

William Hallman, Professor, Rutgers University

*Investigating the Safety of Meat, Poultry and Fish Ordered Over the Internet and Shipped by Common Carrier*

Jorge Hernandez, VP Quality Assurance, Wendy’s

*Food Safety Management Systems for Non-Traditional Facilities*

Liz Duffy, Global Omnichannel Regulatory Compliance, Walmart

*Technology-First Approach for Ensuring Food Safety*

**12:30 – 1:30 – Lunch**

**June 22<sup>nd</sup>**

**1:30 – 2:30 pm ET**

***“Current Direction of and Challenges Facing FDA/CFSAN”***

**Keynote Speaker:**

**Dr. Susan Mayne, Director, US FDA CFSAN**

**2:30 – 3:00 pm ET**

***Break***

Coffee, Tea, and Snacks will be available

**3:00 – 4:30 pm ET**

***Reconciling Personalized Nutrition and the DGA: Should and Could Dietary Guidelines be Personalized?***

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The Dietary Guidelines for Americans (DGA) are intended for the US population, which includes “people who are healthy, people at risk for diet-related chronic conditions and diseases...and some people who are living with one or more of these diet-related chronic illnesses.” Obesity in the U.S. is projected to reach 50% by 2030 which will be accompanied by diet-related chronic diseases, despite consistent updating and implementation of food labels, MyPlate and the DGA. Food companies also modify products to align with the DGA, investing significantly in R&D - however, these products generally do not sell well. This session will explore the potential of a shift toward personalization, expanding the DGA beyond adaptation to fit individual preferences, and whether this shift is suited to federal policy vs. other purposes.

**Speakers:**

Carmen Tekwe, Professor, Indiana University- Moderator

Alison Steiber, Chief Science Officer, Academy of Nutrition and Dietetics  
*Personalized Nutrition from the Perspective of the Academy of Nutrition and Dietetics*

Eve Stoody, Director, USDA’s Center for Nutrition Policy and Promotion  
*Personalized Nutrition and the DGA: Either or Both? Considerations for the Future of Dietary Guidance*

Angela Odoms-Young, Professor, Cornell University  
*Personalized Nutrition and Health Equity*

**June 22<sup>nd</sup>**

***Reconciling Personalized Nutrition and the DGA: Should and Could Dietary Guidelines be Personalized?***

**Speakers continued**

Bruce Hamaker, Distinguished Professor, Purdue University  
*Precision Nutrition for Population Benefit: A Prebiotic Fiber Blend Example*

**5:00 – 8:00 pm ET**

***Evening Reception: Connecting Food and Agriculture***

Dinner-portion heavy hors d'oeuvres and drinks

The awareness of the importance of agriculture in the food ecosystem is only growing. Listen to an exchange with representatives from the Association of Public and Land-Grant Universities (APLU) and the National Coalition for Food and Agricultural Research (National C-FAR) on how the connections can be strengthened across food and agriculture.

**Speakers:**

Kimberly Atkins, Vice President, National Coalition for Food and Agricultural Research (National C-FAR)

Doug Steele, Vice President, The Association of Public and Land-Grant Universities (APLU)

Kelly Dalton, Executive Director, The Association of Public and Land-Grant Universities (APLU)

**June 23<sup>rd</sup>**

**9:30 – 11:00 am ET**

Only Coffee and Tea will be available before the session starts

C

***A Food Label for All? Designing Front-of-Package Nutrition Labels to be Accessible & Effective***

As FOPL initiatives have gained momentum and popularity around the globe, science is beginning to emerge that helps answer questions about their real effectiveness in improving consumers' diets, while impact on health is more difficult to observe. In addition, use of nutrition labels may relate to the different constraints in various SES groups indicating that attention to population disparities may be important in FOP development and implementation.

**Speakers:**

Jing Zhou, Ingredion - Moderator

Jeff Blumberg, Professor Emeritus, Tufts University  
*Global FOP Systems Overview*

Sarah Sorscher, Deputy Director of Regulatory Affairs, Center for Science in the Public Interest  
*Can Food Labeling Policy Advance Health Equity?*

Beth Mansfield, Research Analyst, Food Branch of Health Canada  
*Consumer Research on Front of Package Labelling – Health Literacy Considerations*

Ramkumar Janakiraman, Professor, University of South Carolina  
*Competitive Effects of Front-of-Package Nutrition Labeling Adoption*

**11:00 – 11:30 am ET**

***Break***

Coffee, Tea, and Snacks will be available

June 23<sup>rd</sup>

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**11:30 – 12:30 pm ET**

***The Big Three: Interactions and Intersections of Sleep, Exercise and Diet***

The pandemic has highlighted for individuals the importance of mental health and well-being and related factors, including sleep and other lifestyle variables. Although it has long been “known” that sleep is important for health, research indicates that sleep can affect appetite, and consequently, diet – and vice versa, in a cycle that has implications for long-term health. In this session, the current scientific understanding of these relationships will be explored, with attention to population subgroups that may be particularly vulnerable to health disparities.

**Speakers:**

Alexandria Hast, Campbell’s Soup Company - Moderator

Faris Zuraikat, Postdoctoral Fellow, Columbia University  
*Lifestyle Behaviors and Weight Control: Does Sleep Play a Role?*

James McClung, Chief of Military Nutrition, US Army Research Institute of Environmental Medicine  
*The Performance Triad*

**12:30 – 1:30 – Lunch**

**1:30 – 3:00 pm ET**

***Climate Change, Food Security and Sustainability***

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Providing food and nutritional security for a growing global population is increasingly threatened by climate change. Although modern agricultural practices continue to deliver productivity gains, these are increasingly associated with high greenhouse gas emissions. Climate change effects such as drought can make crops more susceptible to diseases such as grain mycotoxins. They can also introduce agricultural pests into new areas with unforeseen circumstances. Combating these effects will require a concerted effort that combines local, national and international initiatives driven by sound policies and informed by science.

**Speakers:**

Paul Hanlon, Abbott Nutrition - Moderator

Martien van Nieuwkoop, Global Director World Bank  
*Repurposing Agricultural Policies to Improve Food Security while Mitigating Threats from Climate Change*



**June 23<sup>rd</sup>**

***Climate Change, Food Security and Sustainability***

**Speakers continued**

Felicia Wu, Distinguished Professor, Michigan State University  
*Climate Change Threatens Food Safety: A Case Study of Aflatoxin in US Corn*

Allison Thomson, Foundation for Food and Agriculture Research  
*Agriculture as a Climate Solution: How Regenerative Farming Can Ensure Future Food Security*

**3:00 – 3:30 pm ET**

***Break***

Coffee, Tea, and Snacks will be available

**3:30 – 5:00 pm ET**

***Dialogue on Aligning the Headlines with the Science***

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One factor in individual perceptions of scientific information is the communication. In this session, speakers will revisit the fundamental principles of communicating science and data, with a focus on the role of social media in the propagation of messages related to science. The discussion will include tactics and solutions that can be implemented by various players in the science communications sphere.

**Speakers:**

Johanna Dwyer, Tufts University - Moderator

Maria Hegstad, Managing Editor, Inside EPA  
*Context is Everything – A Journalist's Perspective*

Kristen Lewis, Project Director, AAAS  
*From Hypothesis to Headline: How Science News is Made - An Academician's Perspective*

Andrew Maynard, Professor, Arizona State University - Panelist  
Cheryl Hogue, Chemical and Engineering News - Panelist

**5:00 pm ET**

***Closing Remarks and Adjourn***