



# JIFSAN-CFS<sup>3</sup>

## Vision

JIFSAN-CFS<sup>3</sup> becomes one of the premier global source of scientific information and education programs on food safety and applied nutrition.

## Mission

To support JIFSAN-CFS<sup>3</sup> through an active membership network, which offers counsel and exchange of information, providing clear benefits to all members of the public-private partnership.

## Purpose

To provide a venue for global information exchange and counsel in food safety and applied nutrition for (but not limited to) the following:

- Collaborative research that contributes to the development of science-based public health policies
- Sustainable partnerships for research, training, and outreach globally
- Capacity building in food safety and risk analysis through global training initiatives
- Educational resources for training in food safety and applied nutrition globally

## Key Benefits

- Access to and opportunity to build strong relationships with experts at one of the most prestigious universities and leading regulatory agencies in the world
- A portal to information from diverse sources presented in a coherent, unified manner (e.g., FoodRisk.org)
- Opportunity to influence and support research and outreach programs and projects in food safety and nutrition that also address organizational and professional objectives and needs



**Put your knowledge, experience and insight into food safety and nutrition to good use ...**

**Find out more about the JIFSAN-CFS<sup>3</sup> Advisory Council [here](#).**



## JIFSAN-CFS<sup>3</sup>

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UNIVERSITY OF  
MARYLAND

THE JOINT INSTITUTE FOR FOOD SAFETY  
AND APPLIED NUTRITION

# JIFSAN-CFS<sup>3</sup> ADVISORY COUNCIL

CENTER FOR FOOD SAFETY  
AND SECURITY SYSTEMS



**THE JIFSAN-CFS<sup>3</sup> ADVISORY COUNCIL**  
is a select group of scientific leaders in industry, government, academia, and the public sector who partner with JIFSAN-CFS<sup>3</sup>, and each other, to advise on advances in food safety and applied nutrition.

# WHY PARTICIPATION IN THE ADVISORY COUNCIL IS IMPORTANT



## Advisory Council-sponsored Webinars & Annual Symposium on Emerging Issues

- Webinar on USDA Branded Foods Database: Exploring an integrated data system that provides expanded nutrient profile data and links to related agricultural and experimental research
- [Symposium on Harnessing Public-Private Partnerships to Improve Food Safety & Nutrition Outcomes](#)
- [Symposium on FoodRisk.org Workshop - Risk Analysis Tools and Data](#)
- [Symposium on Communicating Food Risk in an Era of Social Media](#)

## JIFSAN-CFS<sup>3</sup> Private Partnerships

(Past and Present)

- Risk Assessment provided support to research projects helping to improve **Mars'** product safety. Also provided laboratory training to Mars Global Food Safety and Quality Control Group
- Commercially Sterile Packaged Foods (CSPF) training developed jointly with **General Mills** and **Campbell Soup**
- Good Aquaculture Practices (GAqP) training – jointly developed with and supported by **Johnson Diversey**, enabling them to gain access to foreign government agencies and international organizations
- International Food Safety Training Laboratory (IFSTL) established and supported by **Waters**

- Instrumentation provided by **3M** for IFSTL trainings; introduced instruments and testing assays to new and potential customers
- International Food Safety training jointly hosted with **McCormick & Company**
- China Food Safety Leadership Program supported jointly with **Cargill** resulted in elevating the capacity of food safety approaches in South East Asia and South America
- Risk Analysis training provided to local food safety group jointly with **Lidl**

## Access to Research Activities

- *Salmonella enterica* in surface water
- Genomics of foodborne bacterial pathogens
- Impact evaluations on food safety trainings
- Metabolomic and proteomic characterization of tomato traits towards the development of food safety-improved tomato cultivars
- Incorporating molecular data into a quantitative microbial risk assessment framework for *Salmonella* in chicken
- Competitive exclusion of *Campylobacter* colonization in poultry by overexpression of linoleate isomerase gene in *Lactobacillus casei*
- Control colonization of pathogenic *Salmonella* in poultry by autolytic intracellular *Salmonella* vaccine

- Ecology, transmission and control of *Salmonella* and Shiga toxin-producing *E. coli* in integrated crop-live-stock farms
- Risk assessment of salmonellosis associated with consumption of chocolate
- Scientific challenges and cost-effective management of risks associated with implementation of produce safety regulations
- Mitigating *Salmonella* risk on Maryland farms through knowledge-based practices and farmer education

## Key Education/Training Opportunities

- Risk Analysis Tools & Data: A Guided Tour by Tool Creators
- Collaborative opportunities to develop educational/training facilities in conjunction with AC member organizations

## The Rosina Barone-JIFSAN Educational Fund

Established in 2014 by Patrizia Barone in honor of her mother's commitment to the educational and professional success of students studying in the fields of Food and Food Safety. The fund, overseen by the College of Agriculture and Natural Resources (AGNR), ensures that recipients have the resources needed to keep pace with emerging threats to our food supply. More information can be found [here](#).