**Making a Difference: Data Collection for Risk Assessments through Innovative Approaches**

IAFP Annual Meeting

Providence, Rhode Island; Monday, July 23, 2012

**Session Summary:**

Constant challenges in developing microbial risk assessments are data quality and availability. Additional creative efforts are needed to address some of the data needs that often limit the potential of risk assessments to inform risk management decisions. This symposium will bring together speakers from government, academia and industry to share their experiences and lessons learned, in generating data to support risk assessments. These include targeted data collection and leveraging novel data sources (e.g., conducting site visits to farms and manufacturing facilities; creative means of leveraging industry data; and greater synergy/coordination among government/academia/industry collaborations). These efforts not only enhance data acquisition but also foster a greater degree of outreach and communication with stakeholders of the risk assessments, which can be used to inform government policy and risk management decisions. We propose a full symposium where 6 speakers are invited to each give a 25-min presentation, followed by two 15-minute panel discussions with the audience.

Intended Audience:

Attendees interested in the role of risk assessment in government decision-making, how data from multiple sources can be used, how stakeholders can contribute data through industry efforts and academic research to help shape risk assessment outcomes.

Type: Full Symposium - 3.5 hours

Slot: Monday, July 23, 2012: 8:30 AM-12:00 PM

Category(s): Microbial Modelling and Risk Analysis PDG

**Organizers:**

IRAC: Yuhuan Chen, FDA CFSAN, College Park, MD, USA  
Donald Schaffner, Rutgers University, New Brunswick, NJ, USA

**Convenors:**

Yuhuan Chen, FDA CFSAN, College Park, MD, USA  
Jane Van Doren, FDA CFSAN, College Park, MD, USA  
Donald Schaffner, Rutgers University, New Brunswick, NJ, USA

**Presentations**

1. Overview of Identifying, Evaluating and Using Data from Multiple Sources to Inform Risk Assessments at FDA

**Wendy Fanaselle** and Yuhuan Chen, FDA CFSAN, College Park, MD

1. Use of Agency-Generated Data to Inform Risk Assessment Activities at USDA-FSIS

**Rachel Johnson**, USDA/FSIS, Washington, DC

1. Collecting National Baseline Data on the Prevalence and Levels of *Salmonella* and *Campylobacter* in Poultry Meat in Australia – a Collaborative Approach

**Duncan Craig**, Food Standards Australia New Zealand, Canberra BC, Australia

Panel Discussion

Break

1. Parameterizing FDA’s Risk Assessment Models using Spatio-Temporal Data Acquired from Field Trials and Targeted Environmental Sampling

**David Oryang**, FDA CFSAN, College Park, MD

1. Making Sense of a Complex System: Data and the Ongoing Search for Answers about Produce Contamination

**Will Daniels**, Earthbound Farm, San Juan Bautista, CA

1. Innovative Data Collection for Risk Assessment in a Systems Approach to Produce Safety

**Robert Buchanan**, University of Maryland, College of Agriculture and Natural Resources, College Park, MD

Panel Discussion