

## **Food Defense PDG**

**Members Present:** Tejas Bhatt (Chair), Colin Barthel, Frank Busta, Faye Feldstein, Christie Gray, Bob Hagberg, Craig Henry, Brenda Keavey, Shaun Kennedy, Amy Kircher, Linda Leake, Li Ma, Amie Minor, Raj Nayak, Melanie Neumann, Gale Prince, Gina Reo and Jordan Shaw.

**Board/Staff Members Present:** Don Zink.

**New Members:** Jean Anderson, Neil Bogart, Roxanne Davis, Lorna Graham, Judith Hajdenwurcel, Amy Kramer, Donna Schaffner, Xianming Shi, Jennifer Weber and Alice Wei.

**Visitors/Guests:** Sinem Acar, Kris Alvarez, Khashayar Farrokhzad, Tony Flood, Paul Fox, Leslie Lowry, Leo Mitchell, Jacob Mohr, Jennifer Pierquet, Stephanie Pollard, Gary Pruitt, Fred Reimers, Todd Rossow, Weilin Shelver and Debra Wieland.

**Meeting Called to Order:** 10:00 a.m., Sunday, August 3, 2014.

**Recording Secretary of Minutes:** Tejas Bhatt.

### **Old Business:**

- Reviewed anti-trust guidelines.
- All persons in attendance at the commencement of the meeting introduced themselves and their affiliation.
- Reviewed 2013 minutes.
- Reviewed IAFP Board responses to PDG recommendations from 2013.
- Reviewed food defense related session proposals for IAFP 2014.
- Reviewed food defense related sessions at IAFP 2014:
- Food Safety or Food Availability: Do We Have to Choose? Sponsored by the IAFP Foundation. Organizers: Mary Lou Tortorello, Atef Idriss and Elizabeth Bihn. Convenor: Tim Jenkins.
- FSMA Update on the Produce Safety Alliance  
– Education and Extension for Fresh Produce Growers.
- Tuesday poster sessions on food defense in Exhibit Hall D.
- Microbial Food Spoilage, Food Toxicology, Dairy and Other Food Commodities, Produce. Application of Food Defense Software Tools for the Purposes of Informing Intervention Strategies at 4:30 p.m. by Ashley Kubatko, Brian Hawkins, Jessica Cox and Rachel Gooding.
- Buyer Beware: Intentional Adulteration Can be a Major Food Safety Concern. Organizers: Gale Prince, Linda Leake and Ken Davenport. Convenors: Ken Davenport and Linda Leake.
- Operational Strategy for Implementing the FDA Food Safety Modernization Act (FSMA).
- Food Traceability: Important for Food Safety and Indispensable for Food Defense. Sponsored by the IAFP Foundation Organizer. Convenor: Tejas Bhatt.

### **New Business:**

- Reminded the PDG to submit nominations of worthy candidates for next year's awards.
- Discussion on symposia submissions (due date October 14th).
  - Needs and challenges:

- Need to engage students.
  - Need to encourage new professionals.
  - Need for outside speakers (non-IAFP members)
  - Rod Wheeler with AIB (Texas IAFP).
  - Cyber security expert (for example, experts from NSA, Auburn University).
  - Law enforcement expert.
  - Fusion center expert.
    - Warren Stone from GMA on costs of food defense.
  - Bill Ramsey from McCormick (retired).
  - Tim Wheener.
  - State rapid response teams food defense task force experts.
- Need for International speakers
  - Canadian regulatory update.
  - China food safety issues.
- Need for applied topics of interest to industry (60% of IAFP membership)
- Symposia format
  - Pros and Cons format.
  - Workshop format.
  - Panel/Roundtable format.
  - Short symposia format (in 30 minute increments).
  - Stump the expert format to have students ask questions to a panel of experts in an effort to stump them.
- Symposia topics
  - A high level overview of cyber security and food safety/defense symposium (should not be too technical) – vulnerability assessments, employee access, training, hazard analysis of the cyber security related to food process control, understanding the implications of using cloud computing, reliance on software and technology for operations (single point of failures versus redundancy), use of 3rd party vendors and their protocols for protection/risk/vulnerability assessments; need to protect physical and virtual assets; protection of commercial secrecy in a more connected operation.
  - Use of innovative technologies for food defense.
  - Challenges and opportunities of on-the-ground law enforcement personnel, data and intelligence sharing, intellectual property, agro-terrorism.
  - How to conduct root cause analysis? How to identify if it's a food safety or food defense incident? Who are all the experts industry would need to conduct due diligence – food safety, food defense, allergens, chemical? Could be an exercise or pre-meeting work- shop? Or two sessions – how to be prepared and how to respond.
  - Reality check: Current state of the art versus state of the industry (relaxed security, large holes and gaps in prevention, lack of food defense planning, training) – bring in a company with a good defense plan and one that did not have one but learned from an incident and improved.
  - Workshop/session on how to conduct a food defense vulnerability assessment.
  - Session on food defense test methods / laboratories (reagents, additives etc.)
  - Session on FSMA IA proposed rule.
  - Court issued deadline of May 2016 final rule.
  - Timing may not work for IAFP 15 and may be better for IAFP 16.

- Session panel on standards requirements (like GFSI, SQFI and others) and how they align with the proposed rule.
- Roundtable discussion of current events in food defense (even if current events change by the time the meeting comes).
- Webinars.
- More detailed technical discussion on cyber security and food safety that food companies can have their IT folks listening in on.
- Collaboration with other PDGs to avoid duplication in topics.
- Group calls with other PDGs.
- Food Law PDG.
- Food Chemical Hazards PDG.
- Food packaging PDG on tampering of packaging.
- HACCP utilization and food safety systems PDG.
- Work with Affiliates to bring interesting content to their local community (especially if translations would be required).
- Have a portal for content accumulation.
- New Media Task Force has a similar recommendation.
- Affiliate meeting has a similar recommendation.
- Send a list of volunteers of food defense experts to affiliates for speaking opportunities.
- Food defense resources.
- Food defense resources at IFT/FDA; food defense research database at NCFPD, food shield by NCFPD, FDA, DHS, private sector resources.
- State departments (for example like New Jersey) have some food defense resources.
- Kansas State University is building an app on food defense.
- Colin Barthel from FDA provided an overview of the intentional adulteration proposed rule including comment period deadlines and what to expect after that.
- Election of vice chair to be done electronically post meeting. Nominations were received for the following two individuals:
  - Linda Leake.
  - Jennifer Pierquet.
- PDG meeting.
- Bring in a speaker at the next PDG meeting.
- Closing thoughts.
  - Next in-person meeting date will be Saturday, July 25th in conjunction with IAFP 2015 Annual Meeting in Portland Oregon.
  - Schedule a committee conference call prior to symposium proposal deadlines.
  - Schedule a committee conference call prior to the Annual Meeting to jumpstart the brainstorming (30 to 60 days prior to the meeting).
- Summary of Proposed Sessions – Working List of Topics
  - Session on cyber security.
  - Session on innovative technologies in food defense (including test methods, laboratories, reagents, information technology, etc.)
  - Session on challenges and opportunities for on-the-ground surveillance and enforcement for food defense.
  - Session on how to conduct food defense root cause analyses and vulnerability assessments.
  - Session on reality checks – perception versus reality of industry preparedness

- and readiness against intentional contamination.
- Session on alignment of regulations and standards around food defense (including FDA IA proposed rule, GFSI, SQFI, etc.)
  - Session on current events in food defense recapping major intentional contamination events over the past year and lessons learned.

**Recommendations to the Executive Board:**

1. Reserve a session slot for a food defense late-breaking session or special session to cover an intentional contamination event that occurs between the proposal due date in October and the meeting next summer.

**Next Meeting Date:** July 25th, 2015.

**Meeting Adjourned:** 11:30 p.m.

**Chairperson:** Tejas Bhatt.