

## Food Hygiene and Sanitation PDG

**Names of Attendees:** Frederick Adzitey, Sultan Al Tahir, Angela Anandappa, Dan Anderson, Jeff Anderson, Bassam Annous, April Bishop, Rachael Blevins, Michelle Bogda, Hannah Bolinger, Ismail Boyaci, Elizabeth Bradshaw, Richard Brouillette, James Byam, Cigdem Caban, Huihui Chen, Angel Conde, Frederick Cook, Roger Cook, Vanessa Cranford, Cecilia Crowley, Yue Dai, Ken Davenport, Yiran Ding, Denise DuFresne, Madhumeeta Dutta, Bertrand Emond, Yaohua Feng, Robin Forgey, Robert Fuller, Mike Garrison, Ireneusz Gasienica, Charles Giambone, Facundo Gomez Vera, Sarah Gooding (Davies), Sheri Governo, Duane Grassmann, Karen Gregory-Williams, Leena Griffith, Dale Grinstead, Hillary Hagan, Margaret Hardin, Ashley Hartzog, Kenichi Higashiyama, Theresa Holland, Clint Holsomback, Jason Horn, Kirsten Howe, Ingrid Huntley, William Huntley, Alison Hurysz, Atef Idriss, Todd Ireland, Matle Itumeleng, Armitra Jackson-Davis, Ken Janes, Lee-Ann Jaykus, Lotte Jensen, Chris Johnson, Raven Johnson, Alex Josowitz, Trey Kampeter, Amit Kheradia, Kathy Knutson, Jeffrey Kornacki, Shira Kramer, Yale Lary, Craig Ledbetter, Glenda Lewis, Qin Liu, Julia Logsdail, Elisangela Lopes, Maria Lovelace-Johnson, James Lucas, Lisa Lucore, Stephanie Maggio, Thomas McCaskey, Rob Middendorf, Nathan Mirdamadi, Billy Mitchell, Eric Moore, Gerardo Morantes, Tetsuya Mori, Nadia Narine, Claudia Narvaez, James Nasella, Yemi Ogunrinola, Amechi Okereke, James O'Neal, Don Pagh, Jay Park, Monica Pava-Ripoll, Alli Pearson, Anne-Marie Perchec - Merien, Vera Peterson, Ruth Petran, Chuck Pettigrew, Zhang Qi, Li Qian, Mingyu Qiao, Tian Ren, Evan Rosen, Oscar Santos, Allen Saylor, Michele Sayles, Donna Schaffner, Dina Scott, Chuck Seaman, Anthony Shaw, David Shelep, Tracey Sinclair, Debra Smith, Rafael Solis, Aswathi Soni, Erika Stampoulos, Irshad Sulaiman, Christine Summers, Katherine Swanson, Yoko Takahashi, Kenjiro Takano, Aparna Tatavarthy, Lisbeth Truelstrup Hansen, Tomohiko Tsurumaru, Lidia Valdes, Xinyue Wang, Paul Winniczuk, Zhinong Yan, Guodong Zhang, and Xuan Zhang. **Total Number of Attendees:** 129.

**Meeting Called to Order:** 8:00 a.m., Sunday July 9, 2017.

**Minutes Recording Secretary:** Nadia Narine.

### Old Business:

1. PDG activities in 2016-2017 Webinars
  - a. Jan 6th Evan Rosen – Clean in Place Addressing Key Principles of Design/Operation and Dispelling the Myths
  - b. March 23rd Bassam Annous – Biofilm and Food Safety
  - c. April 28th Atef Idriss – Effective Swabbing for ATP & AMP for Better Hygiene
  - d. May 25th Zhinong Yan China's Food Safety System in the Year of the Rooster
  - e. June 8th John Butts – Environmental Monitoring Best Practices
  - f. June 29th Deb Smith – The Hygienic Design of Food Industry Cleaning Brushes
2. PDG Symposia IAFP 2017:
  - How Does GFSI Audit Criteria for Sanitation, Hygiene and Environmental Sampling Compare to FSMA Requirements?
  - Strategies for Effective Hygienic Zoning.
  - Empowering Food Laws in Emerging Economies.

- Development of Microbiological Criteria as Indicators of Process Control or Insanitary Conditions: A Summary of the Report Prepared for the United States Department of Defense by the NACMCF.
- Novel and Not so Novel Cleaning and Sanitizing Methods.
- All You Wanted to Know about Viral Hand Sanitizers and Were Afraid to Ask.

### New Business:

Opening remarks and farewell by Yale Larry. Antitrust Guidelines read by Vanessa Cranford. A motion made by Vanessa Cranford and seconded by Dale Grinstead to accept the 2016 minutes was approved.

- Vanessa thanked outgoing Chair Yale Larry for his hard work and leadership of the PDG in the last year for the PDG activities that were accomplished.

### Presentations (15 min):

- a. Purnendu Vasavada – Sanitation and How It Applies to Regulation.
  - Discussion on FSPCA and training.
- b. Evan Rosen – CIP Cleaning.
  - Question is there a difference between CIP and manual cleaning, is one better than the other?
  - Suggestion for sanitation and the cleaning practices are they actually working. – Possible topic for 2018.

### Symposia/ Workshop/Ideas 2018:

1. Chuck Pettigrew: How well do we understand the current microorganisms in a food plant?
  - Analysis that can be used to determine if the flora changes.
  - What is considered resident vs. non-resident flora?
  - How can you determine when you have a new organism?  
Volunteers for collaboration: Ken Davenport, Dale Grinstead, Ruth Petran, Jeff Kornacki. Evan Rosen. David Shelep, Allyn, and Alex Josowitz.
2. Vanessa Cranford: Workshop prior to the IAFP 2018 Annual Meeting and Whitepaper
  - In each industry sector there may be pieces of equipment or tools that best practices through experience have determined for cleaning.
  - White paper on best practices of cleaning specific pieces of equipment.
  - Discussion from the group a need exists for writing an effective SSOP and template outline.
    - Discussion from the group for a need for a risk factor assessment.
    - How do we write good procedures?
    - Vanessa also discussed webinars to be offered at night that could reach the targeted audience of those cleaning the plant on fundamental topics in basic sanitation.  
Volunteers for collaboration: Duane Grassmann and Lisa Lucore.
3. Nadia Narine: Low Moisture Cleaning and CIP partner with Low Moisture PDG. Partner with Food Service and Retail – Symposium and workshop – Brian Nummer at Utah State University

- Who is the audience for this – QA/Operators, suggestions to reflect various roles in facilities e.g., QA, operations, engineering.
- For IAFP 2018 on CIP Cleaning – foodservice and retail.

Volunteers for collaboration: Dave Bloomquist, Duane Grassmann, Nathan Mirdamdi, and Maria Aba Lovleace-Johnson.

2. Yale Larry: Validation of equipment and how to determine when a plant is ready to start up production again. Potential partnering with the Viral and Parasitic PDG on this topic content. Symposia and Webinar
  - How to determine if a plant is clean and validated for cleaning?
  - What are the steps to consider when a virus is involved?
  - How to prove that cleaning was effective?
  - ATP effectiveness on spores or virus.
3. Allan Saylor: Hygienic Zoning to discuss the principles of hygienic zoning and also including an international perspective. Symposia development on this topic and then also to create a white paper on hygienic zoning
  - What is the product and people flow required for hygienic zoning for including microbial and allergen control.
  - Difference in process flows and the impact and varying food categories.
  - RTE vs HR, HC, vs, GMP, Enclosed, low risk, etc. Working on:

Volunteers for collaboration: Kathy Knutson

4. Jeff Kornacki: Elements of what would be needed to assist a plant after being shut down by regulatory.
  - Collaborating with an FDA rep in the symposia.
  - Speaker who has gone through this and how they dealt with this.
  - Could include a consultant.
  - Should consider international recalls as well not just Americas.
  - Including financial impact of what costs vs preventative measures costs.

Volunteers for collaboration: Vanessa Cranford and Michelle Sayles.

5. Lisa Lucore: Sanitarian tactical aspects of doing sanitation, risks that these individuals face. A certification process for sanitation cleaning.
  - It was discussed among the PDG this is a great idea but difficult to accomplish through the PDG as it would require a detailed process and management approach for sanitation certification.
  - The group will have the ability to perform webinar training.
  - Lisa will provide details of this information of works previously performed for the PDG to determine what options are possible for consideration.

Volunteer for Collaboration: Tracey Sinclair, Angela (Alliance for Advance Sanitation – Nebraska) Kathy Knutson, Hillary Hagan, Richard Brouillette

6. Aparna Tatavarthy, and Vanessa Cranford. FDA-Transportation – symposia/webinar-trailers. Trucks, reffers, bulk shipment, liquid bulk vessels, including allergens.
  - The group discussed the importance of this topic and the need for a timely webinar.
  - To then be followed with a symposia to be developed and created for 2018

Volunteers for collaboration: Michelle (Pet Food), Ken Davenport and Michele Sayles.

7. Zhinong Yan: Shared the topic with Chair and Vice Chair regarding the importance for discussing the topic on sanitation on e-commerce.
  - Webinar for the development on this topic to be discussed on the next PDG call.

#### **Recommendations to the Executive Board:**

1. Making symposia searchable on the app by PDG for 2018.
2. Post the agenda for each PDG meeting on the app so that participants can plan their attendance agenda.
3. Recommendation to Board to switch roles Nadia Narine (Secretary) to replace Ken Davenport as Vice Chair (Ken has a conflict as Chair of the Packaging PDG).

**Next Meeting Date:** July 8, 2019, Salt Lake City, UT. Conference call for August 2017.

**Meeting Adjourned:** 10:00 a.m.

**Chairperson:** Vanessa Cranford.