

Food Hygiene and Sanitation PDG

Attendees: Evan Rosen (Chair), Nathan Mirdamadi (Vice Chair), Mary Choate, Jill Hollingsworth, Barry Parsons, Richard Brouillette, Aaron Aboud, Shahram Ajamian, Pamela Wilger, Ryan Simmons, Dave Hill, Chris Jordan, Dale Grinstead, Jeffrey Kornacki, Kevin Lorcheim, Maxwell Lorcheim, Rob Donofrio, Melissa Vaccaro, Bob Forner, Rachael Blevins, Kimberly Brown, Joshua Gurtler, Kim Bingham, David Buckley, Jack Burnett, Robert Roe, Rob Middendorf, Jaakko McVey, Erin Ducko, John Merenick, John Boyce, Tracey David, Joelle Williams, Curtis Weller, Michele Sayles, Heather Garcia, Anru Shen, Sanghyup Jeong, Kasey Nelson, Ian Klug, Ian Hildebrandt, Narindra Randriamiarintsoa, Victoria Burgess, Lynette Johnston, Fred Soderstrom, Cheryce Joyner, Rachel McEgan, Rick Heiman, Rocelle Grabarek, Sandy Sim, Joyce Wert, Scott Burnett, Mark Moorman, Dave Blomquist, Neil Bogart, Debra Smith, Stine Lønnerup Bislev, Amit Kheradia, Tina Caskey, Quynh-Nhi Le, Matthew Hahs, Charles McGuill, Brian Perry, Hardik Vyas, Jeannie Kim, Anett Winkler, Chris Boyles, Ryan Mills, May Yeow, Emilio Esteban, Claudia Narvaez, Kara Mikkelson, Jason Weis, Joemel Quicho, Yvonne Masters, Sanjay Gummalla, Weilin Shelver, Efstathia Papafragkou, Jason Scheffler, Leena Griffith, Kizito Nishimwe, Collins Bugingo, Nic Sharman, Per Nielsen, Zeb Blanton, Arlette Shazer, Bassam Annous, Michelle Kotler, Chip Manuel, Brian Izdepski, Monica Garcia, Iryna Syb, Gale Prince, Mark Tulloch, Timothy Rugh.

Number of Attendees: 109.

Meeting Called to Order: 8:00 a.m. Eastern Time, Sunday, July 31, 2022.

Minutes Recording Secretary: Evan Rosen.

Old Business: Welcome, introduction, and Mission Statement by Evan Rosen. Review of Executive Board announcements. Evan reviewed the agenda and called for additional items. Approval of the 2021 Minutes was seconded by Dale Grinstead.

New Business: Topics for IAFP 2022 developed by the PDG were discussed.

Submitting Committee - Dairy Quality and Safety PDG **Session # 7755** Symposia: **S28 Data-Driven Sanitation Chemistry Selection: Does It Work Against Biofilms?** (Josie Greve-Peterson, Diane Walker, Scott A. King, Albert Parker, Jake Watts and Dale A. Grinstead,

(1)PSSI Food Safety Solutions, Kieler, WI(2)MSU Center for Biofilm Engineering, Bozeman, MT(3)PSSI, Kieler, WI(4)Retired – Senior Food Safety Technology Fellow, Highlands, NC)
Tuesday, August 2, 2022, 8:30-10:00 a.m.

Submitting PDG: Sanitary Equipment and Facility Design PDG

Session # 8075 Symposium- **S6 Food Safety by Design** (Dimitri Tavarnarakis, Global Hygienic Design Excellence Lead Mondelez International, Czekoladowa, Kobierzyce, Poland, Debra L Smith, Vikan, Swindon, United Kingdom, Mark Morgan, University of Tennessee, Knoxville, TN, Gale Prince, President, SAGE Food Safety Consultants, LLC., Cincinnati, OH, Rick J. Heiman, 3-A, McLean, VA and Dimitri Tavernarakis, Mondelez International, Heraklio, Greece) Monday, August 1, 8:30-10:00 a.m.

Submitting PDG- Committee on Control of Foodborne Illness

Session #8106 Symposium: **S24 Foodborne Disease Outbreak Update** (Kari A. Irvin, Laura Gieraltowski, Ewen C. D. Todd, Doug Noveroske, Marvin R. Mitchell, Jr., Beth Wittry and Courtney Smith, (1) U.S. Food and Drug Administration, College Park, MD (2) CDC, Atlanta, GA (3) Ewen Todd Consulting LLC, Okemos, MI (4) U.S. Department of Agriculture-FSIS, Washington, DC (5) Public Health Agency of Canada, Toronto, ON, Canada)
Tuesday, August 2, 2022, 8:30-12:15 p.m.

Submitting PDG- Developing Food Safety Professionals PDG

Session #8112 Symposium: **S18 Advances in Antimicrobial Technologies and Their Translation into Industry Practices** (Sofia Feng, Microcos Food Safety, Wageningen, GA, Netherlands, Matthew D. Moore, University of Massachusetts, Amherst, MA, Katie Overbey, U.S. Food and Drug Administration, Rockville, MD, Siroj Pokharel, California Polytechnic State University, San Luis Obispo, CA, Marc E. Pollack, ZECO-Member of The Vincit Group, Chattanooga, TN and Phillip Demokritou, Rutgers University, Piscataway, NJ)
Monday, August 1, 2022, 3:45-5:15 p.m.

Ryan Simmons, Scott Burnett, Stacy Ostromecki (Sterilex) presented Benefits of EPA Registered Sanitizing Powders.

Bassam Annous (USDA) presented Uses, Application, and Generation of Chlorine Dioxide Gas
Rine Reuben (Student PDG Liaison) – Welcome and Introduction of Student PDG Members.

Discussion on IAFP 2023 Symposia/Roundtable/Workshop Deadline for Submissions for IAFP 2021 is October 4, 2022.

Baby formula Roundtable. Doing a retrospective look and trying to get Abbott, FDA, and Independent expert. (Jeff Kornacki). Jeff accepted the role of a speaker. However, he was not the original submitter. This was brought up on a previous PDG call by no one in particular. Still need a primary contact for this session.

Novel food processing sanitation. Plant-based meats and lab culture based food (Rick Stokes) No one spoke up about this topic during the PDG meeting on July 31, 2022

Automated sanitation methods, latest advancements. (Rick Stokes, Joerg Zacharias, [from Cronus], Deb Smith: a PhD student who is investigating automated cleaning may be interested in this session). No one spoke up about this topic during the PDG meeting on July 31, 2022

Roundtable - Sanitation access to small and medium-sized growers. David with NC State. Charles suggested speaking to Jennifer McEntire and the Produce Safety Alliance on this beforehand. Rick also mentioned that distributors are part of the solution and that should be addressed. An abstract was written for this and proposed in the Fresh Fruit and Vegetable PDG.

Developing a world class EMP. This was an idea submitted by Jeff Kornacki. This idea is about expanding what we do with EMPs. It's not enough to hunt for 1 or 2 microorganisms. We have the tools to do much more. So why don't we?

What hurdles are in our way to eliminate foodborne pathogens in packaged foods? This is an idea Dave Blomquist proposed. The idea being that we can eliminate foodborne pathogens but need to map out the hurdles in our path to achieve this goal.

Gems in field. This was submitted by Michele Sayles. This stem from a lack of communication around actual successes and failures in verification and validation in the field. We know a lot about benchtop lab work but we want to understand what's happening in real life and what lessons can we learn from other sectors to help out low moisture food

environments.

Bacteriophages and their uses in the food industry. This was an idea proposed by Charles Giambrone. While this is not core to food hygiene and sanitation PDG we could certainly be a co-sponsor.

Risk assessment for hygienic and equipment design. Ensuring the right design in zone risk assessment for brown and green field and in facilities. It was brought up that this could be co-sponsored with the hygienic/equipment design PDG for 3A. This could also funnel into the (g) Gems in the Field. It may also be a workshop for next year. If it is a workshop the group agreed that allergens should be part of the training.

Sustainability in cleaning. This was submitted by a gentleman from Kroger. Sustainability is a key to many businesses and food safety plays a part. One way to become more sustainable is to make considerations in your sanitation program, i.e. reducing water, using super concentrates to reduce plastics, etc.

Defining what sanitary mean? This was brought up by AFFI. Essentially, we don't have a standard for what "sanitary" means. This could be a roundtable discussion that highlights what sanitary means to different sectors.

Additional Topics included feedback from the group on our monthly PDG meeting.

Recommendations to the Executive Board:

1. Recommend a later time for our annual PDG meeting.
2. Consider subsidizing the cost for attending a workshop to increase attendance. The current costs are prohibitive for some members.

Next Meeting Date: Sunday, July 16, 2022, Toronto, Ontario, Canada.

Chairperson: Evan Rosen.