

Meat and Poultry Safety and Quality PDG

Attendees: Betsy Booren (Chair), Wendy White (Vice Chair), Jealae Jackson (Student Liaison), Ayojesutomi Abiodun-Solanke, Abdulaziz Alzimami, Peiman Aminabadi, Keith Amoroso, Lucia Anelich, Ashley Arnold, Ilan Arvelo-Yagua, Hussam Azzam Mohammed, Ariel Babilonia, Daniel Bair, Christina Barnes, Pierre Olivier Beal, Wendy Bedale, Karen Beers, Sylvia Bergman, Mark Berrang, Roy Biggs, Preetha Biswas, Alex Brandt, Dennis Burson, Marion Castle, William Chaney, Jennifer Chase, Byron Chaves, Carrie Clark, Roger Cook, Carl Custer, Thomas Danisavich, Ken Davenport, Maria Teresa Destro, Erin Dreyling, Brian Eblen, Denise Eblen, Emilio Esteban, Betty Yaohua Feng, Brittany Fink, Wade Fluckey, Gary Gamble, Balasubramanian Ganesan, Jingwen Gao, Veneranda Gapud, Laura Garner, Nelson Gaydos, Gary Gensler, Ifigenia Geornaras, Kathleen Glass, Valerie Gonzalez, Leena Griffith, Nancy Gushing, Miguel Gutierrez, Jesus Guzman, Susan Hammons, Margaret Hardin, David Harris, Evan Henke, Craig Henry, Monica Hoffmann, Clint Holsomback, Joseph Holt, Hsienheng Huang, Licheng Huang, Aaron Huckabee, Jeffrey Hutchison, John Jarosh, Ian Jenson, Lone Jespersen, Alex Josowitz, Bernice Karlton-Senaye, Jasmine Kataria, Janell Kause, Shivaramu Keelara Veerappa, Ahyoon Kim, YeonHo Kim, Larry Kohl, Shira Kramer, Audrey Kreske, Mark Kreul, Geetha Kumar Phillips, Heath Lafevers, Yale Lary, Linda Leake, Craig Ledbetter, Jeong-Eun Lee, Judy Lee, Lacey Lemonakis, Courtney Leone, Eric Line, Cari Lingle, Gita Malik-Dahiya, John Marcy, Eric Martin, Barbara Masters, Kathryn McCullough, Tammy McFate, Lynn McMullen, Maia Metreveli, Michael Michel, Zahra Mohammad, Daniel Monte, Amit Morey, Tetsuya Mori, Sara Munoz, Nandini Natrajan, Estefania Novoa Rama, James O'Donnell, Yemi Ogunrinola, Randall Phebus, Brian Poon, Christophe Quiring, Alejandra Ramirez, Kimberly Rice, Lindsey Ross, Kurt Rueber, Mansour Samadpour, Yasser Sanad, Marc Scantlin, Jason Scheffler, Brooke Schwartz, Nicholas Severt, Tina Shaffer, Nicola Sharman, Katarina Simunovic, Thierry Sofia, Silvia Solano Flores, Karla Solis Salazar, Varalakshmi Sudagar, Harshavardhan Thippareddi, Leslie Thompson-Strehlow, Marcie Van Wart, Nissa Varithevan, Daniel Vega, Danah Vetter, Rhonda Vetzel, Morgan Wallace, Isabel Walls, Kevin Wegman, Frances Widjaja, Patrick Wilson, Shuang Wu, Xianqin Yang, and Peipei Zhang.

Number of Attendees: 144.

Meeting Called to Order: 9:02 a.m., Sunday, July 8, 2018.

Minutes Recording Secretary: Jealae Jackson, Student Liaison.

The meeting was called to order by Betsy Booren (Chair). She introduced herself, Wendy White (PDG Vice Chair), and Jealae Jackson (Student Liaison). She then gave an overview of the Antitrust Guidelines and asked for any changes to the agenda.

Old Business: Roger Cook (IAFP Secretary) gave a brief Board Update on the strength of the organization and highlights for the upcoming meeting. IAFP membership is increasing, push to recognize students, renewed focus on the science, and the updated journal portal has increased downloads.

Denise Eblen, Assistant Administrator for USDA FSIS, gave an FSIS update:

- Strategic Plans focuses on three main goals:
 1. Prevent foodborne illness.
 2. Food modernization across the USA and other countries through technology.
 3. Improve food safety through stakeholder and partner collaboration with a focus on customer service and transparency.
- Recent Accomplishments:
 1. Established *Salmonella* Standards for poultry and released guidance. *Salmonella* isn't an adulterant in raw poultry, but it is an indicator of sanitation and consistent process control.
- Future Initiatives:
 1. Ensure safety of meat and poultry; find more (modernize) protocols to reduce foodborne illness.
 2. Command and Control approach to Egg HACCP.
 3. Modernization of Swine and Beef inspection.
 4. Work on Appendices A & B.

Q&A:

1. How will modernized FSIS regulations affect imports? Exporting establishments will need to demonstrate equivalency with FSIS regulations.
2. How science and science techniques will be modernized? FSIS partnering with industry to find innovative technologies and make sure everyone apart of the decision process. Stakeholder meeting, last month; data collection (STEC), and plant to conduct a risk assessment to see what changes to inspection, expectations are needed.
3. Recent FSIS MLG changes: moving away from BAX for *Campylobacter* testing and using nDPW for both *Salmonella* and *Campylobacter* testing.
4. Concerns that other countries will not be able to implement these testing changes. FSIS not specifying the method or techniques; must be validated as fit for purpose to detect the same organisms for that matrix. Make sure data reflect agencies data and validate the appropriate tools to use.

New Business: New Technologies Update:

- Wendy Bedale, University of Wisconsin-Madison, has created a comprehensive antimicrobial table for processed meat. Texas A&M has created a similar table for fresh meat.
- Kathy Glass, University of Wisconsin, working on predictive modeling for different types of *C. bot* in meat.
- Morgan Wallace, Rheonix, new *Listeria* test kit.
- Alex Brandt, FSNS, ComBase offering models in meat vs. broth.

Betsy and Wendy gave short statistics on 2018 session program acceptances, reminders on proposal submission deadlines, announced Program Committee's webinar on proposal tips, and encouraged those new to the proposal process to reach out to her and Betsy for support.

The membership engaged in a collaborative session on potential 2019 session ideas to develop into proposals. Meat and Poultry PDG Topics Ideas for 2019 Session Proposals:

- Symposium – Farm-based controls of *Salmonella* and *Campylobacter*
- Symposium – Developing different protein sources in developing countries
- Symposium – Clean meat (animal cultured products) from food safety standpoint
- Roundtable – Modernization of U.S. meat inspection and international effects
- Symposium – Understanding the serological differences of *Salmonella* strains to develop better antimicrobial strategies
- Symposium – Research to aid in revised FSIS Appendix A & B compliance
- Symposium – Post-mortem carcass inspection modernization. Does the U.S. have some outdated inspection practices for beef/human pathogens that are no longer relevant?
- Roundtable – Serotypes vs virulence factors: which is more important to public health?
- Symposium – Challenges of animals raised without antibiotics
- Workshop – How to educate consumers with science-based information. Media training and effective communication
- Symposium – Potential alternatives to culture conformations and refine techniques/methods (enrichments steps, different inhibitors, etc.) to ensure we're really finding pathogens
- Symposium – Processing aids that focus on raw meat, regulatory aspects, approval process to get industry input, novel processing aids, development of resistance to processing aids
- Symposium – FSIS Policy Updates

Recommendations to the Executive Board: None.

Next Meeting Date: July 21, 2019, Louisville, KY.

Meeting Adjourned: 10:31 a.m.

Chairperson: Betsy Booren.