

## Seafood Safety and Quality PDG

**Attendees:** Forest Reichel (Chair), Foivos Genigiorgis (Vice Chair), Ajibola Oyedeji (Student Liaison), Ayojesutomi Abiodun-Solanke, Preetha Biswas, Kenneth Boyer, David Calvin, Marion Castle, Kow-Ching Chang, Kevin Edwards, Ashley Eisenbeiser, Mario Gadanho, Balasubramanian Ganesan, Constantine Genigeorgis, Gina Hall, Marlee Hayes, Sunee Himathongkham, Toni Hofer, Dave Horowitz, Matthew Igo, Jessica Jones, William (Kyle) Jones, Hidehito Kai, Rick Kanaby, AhYoon Kim, Larry Kohl, Jeong-Eun Lee, Margaret Malkoski, Joey Marchant, Doug Marshall, Michael Michel, Virginia Ng, Salina Parveen, Andrew Pearson, Robin Peterson, Lori Pivarnik, Christophe Quiring, Gary Richards, Rachel Rodriguez, Brooke Schwartz, Gregory Siragusa, Tori Stivers, Matthew Taylor, Scott Thacker, Rhonda Vetzel, Abigail Villalba, Chris Whitehouse, Jacqueline Woods, Shuang Wu, Zihui Yang, Alex Zeman, and Joe Zindulis.

**Number of Attendees:** 52.

**Meeting Called to Order:** 1:00 p.m., Sunday, July 8, 2018.

**Minutes Recording Secretary:** Foivos Genigiorgis.

**Old Business:** A motion was made by Rick Kanaby to approve the 2017 Minutes, seconded by Tori Stivers and passed by majority vote.

**New Business:** Forest Reichel opened the meeting and provided an overview of the agenda.

Formal introduction of Student Liaison to the Seafood PDG: Ajibola Oyedeji (Durban University of Technology, South Africa). The Chair reviewed the IAFP Antitrust Guidelines.

Overview of the RTE Seafood Manual. Presentation by Seafood PDG Members, Margaret Malkoski, Forest Reichel, Scott Thacker, Virginia Ng, Foivos Genigiorgis. Manual available free of charge at: [www.aboutseafood.com/resource](http://www.aboutseafood.com/resource)

Executive Board Liaison welcoming message by Kali Kneil. Provided a meeting recap (3,800 attendees). Committee suggestions for new idea creations: If not approved one year, reinvent rework and re-submit. Webinars and *Journal of Food Protection* are good tools to utilize if symposia, etc. don't work out.

Nominations and election of incoming Vice Chairperson for 2019. Kevin Edwards and Forest Reichel nominated. Election by written ballot. Kevin Edwards elected as incoming Vice Chairperson pending Board approval.

Topics for next meetings Symposia:

*Note: Quick overview of topics was presented to attendees. Post-it note decision boards were available for parallel ideation and input.*

- Microplastics in Seafood: Tori Stivers as Lead for a Symposium proposal. Overview on the topic by Tori Stivers. Number of papers from EFSA and FAO were discussed. Considerations: Impact of microplastics on farmed fish, oysters, humans, environment. Food industry is biggest generator of plastics (packaging). Post-it notes from members during parallel ideation:
  - a. Effects on fish /shellfish. Also, how it affects seafood consumers/sources – interventions.
  - b. Emerging and trendy issue: Volunteer to help by Tomi Ayojesutomi Abiodun-Solanke (Federal College of Fisheries and Marine Technology).
  - c. It would be best to focus on hazards rather than simply occurrence. This knowledge gap is really hampering the risk assessment/communication process.
  - d. Review of prevalence of microplastics in oysters.
  - e. Favorite topic. Willing to assist by Dr. David Kingsley (USDA/ARS).
  - f. Do we focus 100% in safety or do we want to cover environmental impact in fisheries? What has been done on environmental impact, what is the gap with safety impact.
  - g. Linkages with International PDG for collaboration by Marian Castle (NZ).
  - h. Prevalent issue, touches the whole food industry. Very important.

- i. Regulatory requirements: No lead. Less than three comments. Topic will not move forward at this time.
- j. Raw seafood consumption Emerging hazards: Jessica Jones as Lead. Overview from previous conference call: Need for further investigation on parasitic or other raw seafood safety issues. Increase observed in Japan. How about the U.S. or in a global scale? Need to approach CDC. Possibility to coordinate with Viral and Parasitic Foodborne Disease PDG. Review webinar possibility. Post-it notes from members during parallel ideation:
  1. Not just emerging hazards. As more products are eaten raw, well known hazards in new products.
  2. Need to make sure to include control methods. Otherwise consumers will only hear about hazards.
  3. Very important internationally and nationally.
  4. Safe seafood handling for retail: No lead. Less than three comments. Topic will not move forward at this time.
- k. Fraud: No Lead. Less than three comments. Topic will not move forward at this time. *Note: After meeting discussion, suggestion on potential collaboration with other PDGs (Advanced Molecular, Fraud, etc.) as subtopic.*
- l. Seaweed safety: Lead TBD. Overview from previous conference call: Lack of guidance in the US. Product route from grower/harvester to retail. Lack of further processing. Possibility to coordinate with Water Safety and Quality PDG. Lively discussion surrounding this topic during the meeting. Many members were interested. Potential collaboration with other PDGs (International, etc.). Seaweed Post-it notes:
  1. Really interested from a regulatory perspective: where does this industry falls.
  2. Microbial and chemical residues in seaweed.
  3. Fukushima accident – maybe some research from Japan – hazards.
  4. International perspective on seaweed (EU, China, Philippines, etc.), chemical and microbial hazards, nutritional labeling.

New topics for future discussion:

- m. Phage for *Listeria monocytogenes* control.
- n. Ciguatera toxin given the potential impacts of climate change or spread. A real international topic.
- o. Norovirus and Hepatitis A new development.
- p. *Vibrio parahaemolyticus*: How to determine pathogenicity, markers, or other control measures.
- q. *Vibrio* problems: Improved testing, methods, virulence factors, controls/product handling.
  1. *V. parahaemolyticus*.
  2. *V. vulnificus*.
  3. *V. alginolyticus*.
- r. Toxoplasma gondii oocysts as an issue in oysters.

Larry Coleman commented on temperature abuse at the retail level for MAP packaging of RTE products. RTE Seafood Working Group to discuss topic. FSMA regulation. Contact the retail PDG for this topic.

Comment on International speakers: IAFP helps with some of the travel expenses. For non-IAFP members that are speakers, the registration is waived. Members may check the IAFP website for funding programs.

**Recommendations to the Executive Board:**

1. Approve Kevin Edwards as incoming Vice Chairperson for 2019.

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

**Meeting Adjourned:** 3:00 p.m.

**Chairperson:** Forest D. Reichel.