

COMMITTEE AND PROFESSIONAL DEVELOPMENT GROUP MINUTES

Food Protection Trends Management Committee

Attendees: Angela Anandappa, Adam Baker, Christine Bruhn, Byron Chaves, Cathy Cutter, Peyman Fatemi, Connie Fisk, Stephen Grove, Ian Jenson, Jovana Kovacevic, Bobby Krishna, Judy Luther, Adeel Manzoor, Martin Martinez, Matthew Moore, Amrit Pal, Ruth Petran, Joy Saha, Jason Scheffler, Cangliang Shen, Manpreet Singh, Laura Strawn, Purnendu Vasavada, Surabhi Wason.

Total Number of Attendees: 24.

Meeting Called to Order: Sunday, 3:01 p.m., July 16, 2023.

Minutes Recording Secretary: Surabhi Wason, Student Liaison.

Old Business: Connie Fisk was elected as the Committee's Vice-Chair by all attendees. 2022 minutes were discussed and approved. Executive Board report was discussed; opening the webinar series to all in June (world food safety month) had great success. Guidelines to access *FPT* were described. Catherine Cutter has reviewed the statistics of publications in *FPT*.

New Business: Laura Strawn took over as chair of the Committee.

Elsevier's AI policy was discussed, and the summary of this policy (including its main advantages) was described by Dr. Matt Moore. The failure and success of AI technology and its use in publications were discussed. The adoption of an AI policy (similar to Elsevier's) was supported by the committee in the meeting. This policy will be modified by our Scientific Editor, Dr. Cathy Cutter, and shared with the committee. This policy will be discussed and re-evaluated at the IAFP 2024 Annual Meeting (inclusion on the agenda for feedback on how it worked from the Scientific Editor/IAFP staff associated with *FPT*).

Adoption of "Equitable Practices for Publishing in *FPT*" was discussed (avoidance of slang, etc. in journal article titles). Dr. Cathy Cutter would discuss this with the editorial board. Slang is confusing so the adoption of this policy was preferred.

Book reviews in *FPT* were discussed, and Dr. Cathy Cutter explained this could be included in the general interest section with guidelines and approval by the Scientific Editor. Many members of the committee believed this type of book review would add value to the journal and scientific community. Maybe a book review editor could be appointed, or different *FPT*

editorial reviewers for each category of food science area including microbiology, molecular, nutrition and allergen, etc. Suggestions were given to focus this type of general interest paper on lay audience (less technical).

It was discussed that *FPT* articles could be made open-access after 6 months of publishing date. IAFP webinars were viewed 9,000 times in just one month after making them open access and thus, making *FPT* articles open access would benefit non-IAFP members by giving access to science.

Accessibility was discussed as being an important initiative of *FPT*/IAFP. The committee also felt strongly this could be a benefit to authors submitting to *FPT*, as many funding sources, or authors are required to publish in open-access journals. This idea was strongly supported, and discussed as a game-changer.

An associate director was recommended to be appointed to assist the Scientific Editor, Dr. Cathy Cutter. This associate Scientific Editor would help to create a sustainable path to excellence in the journal by ensuring Dr. Cutter's institutional, and cardinal knowledge of *FPT* could be transferred to the new Editor. Also, the committee has plans to grow *FPT*, and this would help with the workload, and foster a similar structure to *JFP*.

There is a need for new ideas and strategic planning for long-term plans for *FPT*. It was discussed a consultant could help the *FPT* committee facilitate and work on these long-term goals. A discussion was had about how positive the collaboration was for *JFP* bringing in Judy Luther. A few points were discussed such as encouraging people to click on the *FPT* website to access *FPT* and how we can do this – what would be draw for members. Apart from fantastic science, it was discussed to include a portion for affiliates "awesome affiliates." Updating "Beyond the Bio," and maybe even including a section on past IAFP traditions including ice sculpture, crazy hats at banquets, Weber microscopes, among other things that would be generated by members (this could be neat to engage new members or members who aren't as familiar with some of these things like the Weber microscope prize for the Laboratorian Award. Affiliates play an important role so they could be highlighted.

There was a comment on an issue with the *FPT* website. Sometimes, there is an issue with advertisements showing up on the website which makes it challenging to read the paper digitally. It was discussed that IAFP staff/management committee would look into accessibility issues with reading *FPT* online and links working.

Last, quarterly meetings were suggested and Laura Strawn will schedule a meeting being cognizant of the time zones for people around the world.

Recommendations to the Executive Board:

1. Appoint Connie Fisk as Vice-Chair.
2. Make *FPT* open-access six months after the publication date.
3. Appoint an associate editor for *FPT*.
4. Appoint a consultant to support *FPT* in its strategic planning initiative.
5. Honor outstanding reviewer(s); selected by the Scientific Editor/IAFP team to highlight at the Editorial Board Reception.
6. Modify and adopt a similar policy to Elsevier's language for the AI policy in *FPT* (that is used by *JFP*).
7. Allow book reviews in *FPT* under the general interest category: with approval by the Scientific Editor in advance.

Next Meeting Date: Sunday, July 14, 2024, Long Beach, California.

Meeting Adjourned: 4:32 p.m. Eastern Time.

Chairperson Laura Strawn.

JFP Management Committee

Members Present: Erin Crowley, Cathy Cutter, Michelle Danyluk, Armitra Jackson-Davis, Doris D'Souza, Laurel Dunn, Martin Duplessis, Lisa Gorski, Joshua Gurtler, Lauren Jackson, Pragathi Kamarasu, Kali Kniel, Jovana Kovacevic, Alvin Lee, Judy Luther, Minto Michael, Matthew Moore, Ruth Petran, Ana Allende Prieto, Sarita Raengradub, Birendra Rajapreyar, Patricia Rule, Panos Skandamis, Laura Strawn, Mark Turner, Pranaya Udash, Daniel Weller, Anett Winkler, Ian Young.

Board/Staff Present: Michelle Danyluk, Ruth Petran, Lisa Hovey, Dina Siedenburg.

Number of Attendees: 29.

Meeting Called to Order: Sunday, 10:00 a.m. Eastern Time, July 31, 2023.

Minutes Recording Secretary: Jovana Kovacevic.

Old Business: The meeting started at 10 AM. Matthew Moore distributed the meeting agenda and gave a brief introduction followed by the committee members introducing themselves.

Following the introduction, the chairman appointed Jovana Kovacevic as the recording secretary. A welcome to new committee members (Alvin Lee, Erin Crowley, Sarita Raengradub, Dan Weller, Kerry Bridges) was provided, and a thank you to exiting committee members (Narjol Gonzalez-Escalona, Jovana Kovacevic, Patricia Rule, Edith Wilkin, Pardeepinder Brar) and reappointed members

(Marion Castle and Valentina Trinetta) was also given. Then, there was a solicitation of any changes or modifications of the agenda, for which it was noted that the addition of an executive board update was needed. Next, the chairman sought the approval of the minutes of the meeting of 2022 from the committee members. A motion was passed to approve the minutes of the meeting from 2022 and was seconded by the committee members.

Michelle Danyluk provided the Executive Board update to the committee, where she noted that the attendance of the meeting has exceeded the previous year and expectations. She thanked the Ontario affiliate for all of their help with the meeting. Next, she noted the success of the June free webinar initiative, which resulted in over 9,000 views; more than what would normally be observed in a year. Michelle then noted that there is a new way to volunteer with IAFP for committees and other service roles through the website, where you can also sign up to get *JFP* updates. Finally, she provided a warning that an update to Google may have caused some to have all of their IAFP emails sent to email spam folders. If you notice this happening, please reach out to IAFP staff to get this fixed.

Jenn Woods from Elsevier provided an Administrative Report for the journal via Zoom. The transition to Elsevier has gone well, and we are starting to see the benefits of the new platform in the form of leveraging the other related journals ("Recommended Articles and search results") that could draw readers to *JFP*. She noted several marketing videos and a marketing campaign for the journal are planned for further in 2023/2024. This includes videos in English and Mandarin, as well as interviews with Panos, and author testimonials. Additionally, she noted the entire back catalog of *JFP* articles should now be available on the platform.

In 2022 *JFP* had 361 submissions with 197 accepted and published with a 41% rejection rate. So far in 2023, there have been 104 submissions with 85 accepted. As projected in 2023, there are slightly fewer submissions (-2%) but more than the dip expected with the transition, as well as a 5% increase in accepted articles, with the majority of submissions from Asia and North/Central America. It was then noted that the excellent work of the editors and reviewers has allowed *JFP* to achieve a good speed, with an average of 5.2 weeks to first decision; competitive with or better than similar journals. *JFP* saw a dip in impact factor from 2.745 (2021) to 2.0 (2022); however, this dip occurred for the vast majority of journals (~80%) based on changes in calculation methodology by Clarivate. However, the CiteScore (based on 4 years of data instead of 2) increased from 3.80 (2021) to 4.20 (2022). Of note, some of the highest cited articles were invited reviews commissioned by the Scientific Editors, so this practice will continue. It should be noted that

industry and government use *JFP* articles but their impact in these fields is not encompassed in citations. It was also noted that more has been done on social media interactions. When people bookmark articles in their reference library this can be seen as well. Authors can see in granular detail where the article has been mentioned.

Next, Jenn presented a summary of the current generative AI policies, Elsevier generative AI policies – were shared with the attendees. AI can be used but only to improve language and readability and not the substance of the article or data/figures. Has to be overseen by the author. Authors need to disclose when they use it. Judy Luther then added that this is the first that citable years will be usable (2023). Next, there was a question raised as to some past year's articles missing from the back catalog in the new system. It was noted that if anyone notices this, they should contact Elsevier, the Editors, or the management committee leadership to get the issue resolved. Joshua Gurtler then noted the articles that received the highest level of engagement via downloads, citations, and social media consisted of a lot of invited reviews solicited by the Editors, indicating the success of this practice and need to continue it. Alvin Lee then noted that there are other metrics that indicate the quality and success of *JFP* different from impact factor that we could utilize; specifically, the h index. A number of competitive journals have a higher IF but much lower than h index than *JFP*, which is quite high in the field at 148. Alvin then noted there can sometimes also be significant discrepancies between the citations attributed to an article between Google Scholar and Science Direct. Jenn noted this is quite true even though in theory all databases should be the same. Elsevier uses Scopus while Clarivate uses Web of Science. Google Scholar is quite different, and she noted it can be less reliable than the former two systems.

Next, Panos Skandamis provided the Scientific Editors report. He noted historically one of the challenges in increasing the recognition of *JFP* was that it historically did not have the sheer number of competitive journals a few decades ago that it does today, which has contributed to the loss in IF. Thus, it is not that *JFP* is not publishing good science, it is that there are now many other journals also publishing similar science. He noted the dilemma that in order to increase the number of high quality submissions to increase IF, it helps for the journal itself to have a competitive IF. He noted Open Access and the Elsevier platform will provide a number of advantages in increasing the exposure and citations of *JFP*. He underscored the importance of continuing to attract and encourage others to submit high quality papers to *JFP*, as well as the importance of maintaining a competitive speed to first decision and maintaining the admirable level *JFP* has achieved. He noted there have been two successful webinars reaching out to potential authors in North America and Asia.

Panos also noted that there are plans to start producing special issues for the journal, including a special issue associated with the Annual Meeting, to publish works based on content and topics from the meeting. There were additional comments from others regarding the idea of reaching out to those who present or organize sessions on high impact topics to potentially contribute to *JFP* on those topics, after reviewing proposals/the program of the meeting. Panos then noted some other general trends and observations since the switch to open access. He noted that there has been a noticeable decrease in out of scope submissions, as well as generally better quality manuscripts being submitted lately. This was noted to be a good sign that *JFP* is receiving more and more high quality manuscripts.

Annette then also made the point that *JFP* likely has a substantially higher impact than a lot of the metrics discussed cover. Specifically, in industry papers are used and shared but this is not encompassed in a lot of the metrics used. Catherine Cutter then added that this is also true in policy settings, as referenced to *JFP* and *FPT* papers in policy and guidance documents do not usually count towards these metrics. Patricia Rule seconded the point about impact to industry, and mentioned that maybe folks in industry could be encouraged to share especially valuable work on their social media like Twitter. Finally, Joshua Gurtler then noted that in addition to time to decision and better exposure via Open Access, authors get the benefit of *JFP* having a very competitive article processing charge, which is \$2,000 for non-members and \$1,600 for members. This is notably less than other similar journals, whose open access charge can range from \$2,080 to over \$4,000.

New Business: New business was then addressed, starting with discussion by Matthew Moore about the use of generative AI in scientific publications and the policy *JFP* wants to adopt. The current policy of *JFP* defaulted to that of Elsevier, which could be modified or altered by *JFP* if preferred. Briefly, this policy states that authors can only use AI and AI-assisted technologies to improve readability and/or language of the work and nothing substantive; authors must also carefully ensure that in using this technology for language that it does not change the meaning or substance of the work; the use of such technology must be disclosed by the authors in a statement in the work; and that ChatGPT or similar AI technologies cannot be listed as authors on the work because they should not be used to the degree that they would rise to the level of authorship.

Joshua Gurtler then noted that there should be caution, especially during revisions, as changing the language in many cases can change the implication or connotation of the work's substance, especially when scientific terms or names are modified. Jovana Kovacevic then asked what would happen if it is used and not disclosed. Jenn noted that this can be tricky,

as there is not software currently that can definitively detect if generative AI was used, even if one suspects that it has. However, Elsevier is currently working on technology to check this. Panos reaffirmed the concern and importance of being aware of this technology, and that the policy and proper uses of AI must be repeatedly communicated. In general, the importance of disclosing the use of this technology was determined by the committee to be important. The committee then agreed with the current Elsevier policy on generative AI, and voted favorably to adopt this policy for the time being.

Next, discussion of the committee to work with the Foundation Committee on developing a mechanism to help authors from underrepresented countries and/or situations pay for *JFP* article charges if they cannot afford them.

Matthew recommended forming a task force within the committee to work with the Foundation Committee. Alvin then noted that a proposal was already drafted and will be presented and discussed at the Foundation Committee Meeting on Wednesday, July 19, 2023; but that feedback from the Management Committee would be welcome. It was decided to table this topic until after the Foundation Committee meeting on July 19.

Next, Matthew initiated discussion of the use of colloquialisms and/or slang in *JFP* articles based on the concerns of a member who reached out to the committee. It was noted that *JFP* does not have a specific policy stated regarding the use of colloquialisms or slang in *JFP* or *FPT*. The Annual Meeting Program Committee does have instructions and a policy discouraging the use of colloquialisms and/or slang in its programming, given the international nature of IAFP. This is because others who are not familiar with the colloquialism or slang used may not understand or interpret it. The committee then agreed that this should be discouraged, and voted to recommend the addition of a policy discouraging the use of colloquialisms and slang in *JFP* to the Board.

Other new business was then discussed, with Joshua bringing up the idea that there are a lot of very good peer reviewers for *JFP*, and proposed creating some form of award or recognition of these peer reviewers from the journal in addition to the paper awards. There was general agreement of the committee that this would be a great idea and that other journals do this. The committee voted to propose the creation of an award for peer reviewers of *JFP* to the Board.

Next, Martin raised a question to continue discussion of the special issue related to the meeting. Other societies have this, where editors reach out to those who lead sessions of special interest. It was noted that the editors will identify this and reach out to potential authors, with a relatively high success rate so far. It was noted that reaching out personally to each

potential author is likely to ensure a higher success rate in getting authors to contribute. The idea was also raised to tie the acceptance of abstracts of special interest for the meeting to invitations to write an article for the *JFP* special issue related to the conference. It was also noted that waivers are often provided for invited reviews, which especially can benefit certain early career authors in addition to the other benefits of publication in *JFP*. An idea was also raised to leverage the mentor/mentee network to identify potential authors, as well as target early career scientists like Assistant Professors.

Nominations for candidates interested in becoming Vice-Chair of the *JFP* Management Committee was sought with the direction to reach out to Matthew or Ian during the rest of the meeting or via email. Recommendations for the board were then reviewed and approved. No new additional business from the committee was mentioned, and the meeting was adjourned.

Recommendations to the Executive Board:

1. To reappoint Marion Castle and Valentina Trinetta to another term on the *JFP* Management Committee.
2. To appoint Alvin Lee, Erin Crowley, Sarita Raengradub, Dan Weller, and Kerry Bridges to the *JFP* Management Committee.
3. To create a yearly award or recognition for outstanding peer reviewer(s) for the journal, whom which the scientific editors will develop criteria and select.
4. To create a statement or policy restricting and/or discouraging the use of colloquialisms or slang in *JFP*, which will be based upon the practice of the Annual Meeting Program Committee and enforced by the scientific editors.

Next Meeting Date: July 14, 2024, Long Beach, California.

Meeting Adjourned: 11:57 a.m. Eastern Time.

Chairperson: Matthew Moore.

Program Committee

Members Present: Francisco Diez (Vice-Chair), Pam Wilger (Outgoing Chair), Faith Critzer, Vikrant Dutta, Paul Hanlon, Maria Hoffmann, Ramin Khaksar, Lauren Jackson, John Jarosh, Lone Jespersen, Ben Miller, Angela Shaw, Don Stoeckel, Matt Taylor, and Xianqin Yang.

Members Absent: Andrew Clarke, Abani Pradhan, Anderson Sant'ana.

Board/Staff Present: Michelle Danyluk, Mark Carter, Manan Sharma, Tim Jackson, Tamara Ford, Lisa Hovey.

Number of Attendees: 21

Meeting Called to Order: 7:30 a.m. Eastern Time, Wednesday, August 19, 2023

Minutes Recording Secretary: Tamara Ford.

Old Business: The outgoing committee members Pam Wilger, Angela Shaw, Ramin Khaksar, Manan Sharma, and Paul Hanlon were recognized for their service.

New Business: The meeting began with introductions. New members, Ben Miller, Lauren Jackson, and Matt Taylor were welcomed to the committee. Tamara explained the process for the 2023 submissions and the timeline was reviewed. The review process will be adapted to meet the growing number of session proposals.

Both of the items given to the Executive Board for approval were passed at the May Board Meeting.

1. Tamara Ford discussed the current Program Committee process and the concern over proposals not getting proper review due to the volume of proposals and the tight clustering of scores. A sub-committee of the Program Committee submitted a proposal that includes a two-phase system of review and evaluation. This adds an extra layer to the reviews in the fall.

2. Food Protection Resource Marketplace Proposal, Tamara presented a proposal from a group of Program Committee Members for a new category of abstract submissions for IAFP 2024. The "Food Protection Resource Marketplace" is for displaying newly developed and free resources. These items must be freely available and not commercialized or for-profit.

The overall evaluation of the IAFP 2023 scientific program was positive. No significant changes need to be made next year. The Program Committee heard a few complaints of overlap of topics. The Committee discussed the difficulty in avoiding overlap, but will always try to take a careful look at the final schedule.

Recommendations to the Executive Board: None.

Next Meeting Date: TBD (Fall Conference Call)

Meeting Adjourned: 8:28 a.m. Eastern Time.

Chairperson: Francisco Diez.

3-A Committee on Sanitary Procedures

Attendees: April Bishop, Sophie Canobio, Austin Cary, Shihyu (Andrew) Chuang, Nathan Decker, Carlos Gonzalez Ducker, Dan Erickson, Makenzie Flach, Rick Heiman, Sanjay Kumar, Xiangwu Nou, Amrit Pal, Timothy Rugh, Angelica Sanchez, Katie Satterthwaite, Manan Sharma, Steven Stiefel, Mark Susaneck, Dimitri Tavernarakis, Patrick Wouters, Chee Zheng.

Number of Attendees: 21.

Meeting Called to Order: Sunday, 10:45 a.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: None.

Old Business: None.

New Business: Tim Rugh gave a presentation: 3-A Standards and Practices.

Recommendations to the Executive Board: None.

Next Meeting Date: Sunday, July 14, 2024, Long Beach, California.

Meeting Adjourned: NA.

Chairperson: NA.

Committee on Control of Foodborne Illness (CCFI)

Members Present: Michael Batz (Chair), Bob Buchanan, Carl Custer, Laura Gieraltowski (newly elected Vice-Chair), Kari Irvin (Secretary), Margaret Kirchner, Stacey Klinzing, Ewen Todd, Ian Young, Melanie Firestone, Dan Weller.

Board/Staff Present: Ruth Petran, Manan Sharma.

Visitors: Mansour Samadpour.

Number of Attendees: 13.

Meeting Called to Order: 8:05 a.m., Sunday, July 16, 2023.

Minutes Recording Secretary: Kari Irvin.

Old Business: Minutes from the 2022 meeting were approved. This year's CCFI sponsored symposia were discussed. One proposed symposia that was not accepted was subsequently proposed as a webinar, but the submitter never received any automated follow up, or email responses from staff or the Webinar Committee. This resulted in a recommendation to the Board. The committee discussed the Board's responses to last year's recommendations.

New Business: The committee continued its discussion from last year on the Ewen C.D. Todd Award. After discussing the current description and criteria, the committee decided to move forward with proposing some revisions to the award description to better reflect the original intent of the award to acknowledge work in foodborne disease epidemiology and outbreak response activities. The committee also discussed that while the Ewen C.D. Todd Award celebrates a lifetime of accomplishments, there is a need to acknowledge the efforts of junior and mid-level career professionals in the field of outbreak response, foodborne disease epidemiology, and similar work in public health. A small group of CCFI members will further develop this idea over the next year in the hopes of proposing a new award next year.

The committee discussed potential webinars. CCFI will move forward to re-submit the previously submitted symposium on FSMA 204 (discussed in old business) as a webinar. The committee also discussed the CCFI

co-sponsored symposium Food Safety within the Horticultural Sector in Africa, which had to be canceled after speakers had visa issues. CCFI would like to work with that symposium's convenors and speakers to see if there would be interest in proposing it as a webinar.

The committee discussed developing proposals for IAFP 2024 and identified a number of potential topics. Further discussion will occur over *IAFP Connect*.

The committee discussed the CCFI meeting format. There was agreement that CCFI meetings should change to be more similar in format to most PDG meetings at IAFP. Specifically, the meeting should be welcome to people that are not on the committee, should be no longer than two hours long, should have a laptop and projector, and should include a short talk or presentation when possible. There may be a need for an additional working session for collaboration on the manuals, but this might need to be scheduled on Saturday when there aren't conflicting PDG meetings. On a related point, the committee discussed and agreed to hold quarterly virtual meetings in addition to the in-person meeting at the IAFP Annual Meeting.

The committee discussed revising the current mission statement. At the Chairs' meeting on Saturday, someone asked why there wasn't a PDG for foodborne epidemiology and related public health work; CCFI is the natural home for foodborne epidemiology within IAFP, but too few epidemiologists and public health professionals attend our meetings or are members of CCFI. The committee decided to revise the mission statement to both better reflect the current activities of the committee and help to communicate to potential members the content of our discussions.

After an open call for nominees, the committee elected Laura Gieraltowski as Vice-Chair.

Recommendations to the Executive Board:

1. CCFI recommends Laura Gieraltowski be named Vice-Chair.
2. CCFI respectfully recommends improving the webinar submission tracking through the online website. Submitters should receive a confirmation, possibly automated, that the submission was received so it can be referenced in future follow up discussion.
3. CCFI recommends revising the mission statement of the committee in the bylaws to better reflect the goals and current activities of the committee. The committee will provide suggested revised text prior to the Board's fall meeting.
4. CCFI recommends revising the criteria for the Ewen C.D. Todd Award to better reflect its original intent to primarily recognize major accomplishments in the field of foodborne disease epidemiology, outbreak investigation, and related public health work. The committee will provide the Board with suggested revised text prior to the Board's fall meeting.

Next Meeting Date: Saturday, July 14, 2024, Long Beach, California.

Meeting Adjourned: 10:08 a.m., Saturday, July 16, 2023.

Chairperson: Michael Batz.

Constitution and Bylaws Committee

Members Present: Donald Schaffner (Chair), Nathan Anderson, Zeb Blanton, Faith Critzer, Kathleen Glass, William Huntley, Bobby Krishna, Steven Murphy, Jenny Scott, Laura Strawn.

Board/Staff Present: Lisa Hovey.

Number of Attendees: 11.

Meeting Called to Order: Sunday, 9:02 a.m., July 16, 2023.

Minutes Recording Secretary: Don Schaffner.

Old Business: Review 2022 Board response: The committee recommends that the Executive Board discuss the status of Honorary Life Members versus Retired Members and their ability to hold Executive Board office, and if they see fit direct the Constitution and Bylaws Committee appropriately.

Board response: The Board discussed the differing treatment of Honorary Life Members and Retired Members and felt the Bylaws were appropriately written.

Several Members of the committee still felt strongly that Honorary Life Members are prohibited from serving on the Board and were disappointed with the Board's response and thought that the Board should have provided a rationale for this decision.

New Business: IAFP Members who do not fit within the 3 constituencies: Some Members feel they do not belong in one of the three IAFP "buckets" of education, government, or industry.

One solution is to create a 4th category.

Committee Members felt that there are not enough IAFP Members to form a viable 4th category. After a spirited discussion, Faith Critzer made a motion to form a subcommittee to recommend changes to the Constitution and Bylaws to address this concern. The motion was seconded by Jenny Scott. The motion passed unanimously.

The following Members agreed to serve on the subcommittee: Faith Critzer, Steve Murphy, Jenny Scott, and Nate Anderson. Don Schaffner agreed to attend subcommittee meetings pending his availability. Further discussions included the importance of liaising with the Membership Committee (i.e., Leon Gorris, or designee).

Don Schaffner will also extend the invitation to serve on the subcommittee to anyone who is interested when he makes his remarks at the business meeting.

JFP EIC: Currently the Bylaws state that the Executive Board will appoint Scientific Editors for *Food Protection Trends* and the *Journal of Food Protection*

to 4-year terms, renewable for two additional terms and establish appropriate compensation. The Board is asking for draft changes to the bylaws to include the Editor-in-Chief term limits.

The committee proposes that the following language be added to bylaws section 5c3: Executive Board will appoint an Editor-in-Chief for the *Journal of Food Protection* from within the ranks of Current Scientific Editors for the *Journal of Food Protection*. The Editor-in-Chief will be appointed to a 4-year term, renewable until the end of that Scientific Editor's term or 4 additional years. The appointee should have already served at least one year as Scientific Editor. The Board will establish appropriate compensation for the Editor-in-Chief.

Explanation: The intent of the committee from this recommendation is that Scientific Editors will serve a maximum of 12 years. An Editor-in-Chief could serve a maximum of 16 years (including time as a Scientific Editor and time as Editor in Chief).

The motion was made that the above language be sent to the Executive Board. The motion was made by Faith Critzer and Seconded Jenny Scott. The motion passed unanimously.

C&BL Officers: With Bobby's move to Program Committee, Don is promoted to chair and a new vice-chair is needed.

Jenny Scott nominated Nate Anderson and Nate Anderson accepted the nomination. Zeb Blanton moved that Nate Anderson be named the new vice-chair. The motion was seconded by Kathy Glass and passed unanimously.

The committee recommends that the Executive Board appoint Nate Anderson as Constitution and Bylaws Committee Vice-Chair.

Recommendations to the Executive Board:

1. The committee recommends that the Executive Board review our suggestion to modify bylaws section 5c3 by adding the following text: Executive Board will appoint an Editor-in-Chief for the *Journal of Food Protection* from within the ranks of Current Scientific Editors for the *Journal of Food Protection*. The Editor-in-Chief will be appointed to a 4-year term, renewable until the end of that Scientific Editor's term or 4 more years. The appointee should have already served at least one year as Scientific Editor. The Board will establish appropriate compensation for the Editor-in-Chief. See the explanation above for the committee's intent.

2. Committee recommends that the Executive Board appoint Nate Anderson as Constitution and Bylaws Committee Vice-Chair.

Next Meeting Date: July 14, 2024, Long Beach, California.

Meeting Adjourned: 9:50 a.m.

Chairperson: Bobby Krishna (outgoing), Don Schaffner (incoming).

Foundation Committee

Members Present: Gary Acuff (Chair), Wendy White (Vice-Chair), Jim Dickson, Kelly Stevens, Joshua Gurtler, Isabel Walls, Fred Breidt, Julie Jean, Mathew Moore, Alvin Lee.

Board/Staff Present: Michelle Danyluk, Manpreet Singh, Amy Rhodes, Fabiana Guglielmono, Lisa Hovey.

Advisors: Vickie Lewandowski, Gale Prince, Kathy Glass, Zeb Blanton, Jenny Scott.

Student Liaisons: Ellen Mendez Sosa, Claire Murphy.

Vistor: Laura Strawn.

Meeting Called to Order: Wednesday, 8:02 a.m. July 19, 2023.

Welcome by Gary and the appointment of Wendy as Recording Secretary. Additions to the Agenda and Approval.

Review of minutes from the May 25, 2023, Conference Call. Amy moved to approve, and Jim seconded. Approved by voice vote.

Financial Reports (Lisa Hovey)

Lisa reviewed the balance sheet. The fiscal year ends Aug. 31. Investments are improving this year, but not yet enough to recover from last year's market downturn.

Future Initiatives

Graduate Student Practical Training Assistance (Alvin Lee) continue to work on graduate student exchange awards for training that isn't covered by their university and travel to the event.

Student exchange, possibly extending travel to conferences to join a laboratory or industry location. Claire Murphy will join the subcommittee. Article Processing Charge Waiver/Assistance (Alvin Lee)

Elsevier has means of helping people from developing economies.

The subcommittee needs to work closer with the editors to better understand the scope and need of this award.

New Business

Dependent Care Grant Discussion. There were three 2023 Annual Meeting requests, all were granted.

Discussion around including service animals to this award.

The Board asked to allow last-minute entries for emergency situations. Future Fundraising Ideas.

Younger members don't seem as interested in participating in the silent auction or donating. Ideas mentioned in the meeting:

- Consider a university competition for students to bring an item (< \$50) and charge \$10 a vote. Encourage students to get alumni to bid on items.

- Alternatively, have Student PDG members design university t-shirts for a live auction, providing an opportunity for alumni to collaborate with students to generate the highest bid. The winner of the contest would be the T-shirt getting the highest bid.

- Way to engage students by having a \$10 vote to have a professor dress in a silly costume or pie to the face.

Silent Auction discussion

- Consider a live auction for the top few items or provide a box for blind bids at the end of the auction.

- Allow phone bidding (onsite attendees only). Discussion regarding whether the meeting app could handle something like this.

- Create calendars and ask students to submit entries for the pictures (petri dish art, electron microscope scans, etc.) to sell at the Foundation booth. Have a water bottle engraver and/or badge ribbon maker at the Foundation booth.

Recommendations to the Executive Board:

1. Request that we allow ADA Service Animals to be included in the Dependent Care Grant.

2. Request that we allow last-minute entries for emergency situations be included in the Dependent Care Grant.

3. Request to add Laura Strawn and Claire Murphy as members of the Foundation Committee.

Final Comments:

Future Foundation Virtual Calls, all at noon Eastern Time: October 24, 2023; January 25, 2024; April 25, 2024; June 27, 2024.

Next Meeting Date: Wednesday, July 14, 2024, Long Beach, California.

Meeting Adjourned: 8:29 a.m. Eastern Time.

Chairperson: Gary Acuff.

Nominating Committee

Attendees: Harshavardhan Thippareddi, Takiyah Ball, Jenny Scott, Jennifer McEntire, Marcel Zweitering.

Board/Staff Present: Lisa Hovey.

Number of Attendees: 6.

Meeting Called to Order: Sunday, 3:30 p.m. July 26, 2023.

Minutes Recording Secretary: Ivannova Lituma.

Old Business: None.

New Business: Confidential consideration of candidates for Secretary of IAFP.

Recommendations to the Executive Board: None.

Next Meeting Date: Teleconference to be scheduled for further deliberation in October.

Meeting Adjourned: 4:30 pm Eastern time.

Chairperson: Harshavardhan Thippareddi.

Past Presidents Committee

Attendees: Gary Acuff, Jim Dickson, Jeff Farber, Linda Harris, Don Schaffner, Stan Bailey, Vickie Lewandowski, Gale Prince, Kathy Glass, Jenny Scott, Isabel Walls, Bob Brackett, Kali Kniel, Roger Cook, Ruth Petran.

Apologies: Katie Swanson.

Board/Staff Present: Ruth Petran, Lisa Hovey.

Number of Attendees: 16

Meeting Called to Order: Sunday, 1:04 p.m. July 16, 2023.

Minutes Recording Secretary: Roger Cook.

Minutes of the 2022 Meeting: Approved as an accurate record (Acuff/Scott).

Old Business: The meeting acknowledged the Board's agreement with the 2022 Board recommendation.

New Business: Committee discussions centered around:

1. The update by the Executive Board, including IAFP finances and membership, attendance at the 2023 Annual Meeting, and the value to members and future membership of the removal of charges for historical webinars.

2. Membership continuity requirements for IAFP Fellows and Honorary Life Membership Awards.

3. Honoring Past Presidents who passed away in the previous year.

Recommendations to the Executive Board:

1. The Committee recommends that IAFP policies outlining membership continuity requirements for IAFP Fellows and Honorary Life Membership Awards be amended to remove the word "continuous." Should there be a break in membership during the required time period, the Committee recommends that the Awards Committee consider the contribution of the nominee to IAFP or affiliates prior to and after the break when evaluating the strength of the nomination.

2. The Committee recommends that the Board consider recognition at the Opening Ceremony of Past Presidents who have passed away during the previous year; the means of doing so being the prerogative of the Board.

3. Given the extent of enhanced food safety regulations and food safety certification over the last 10 years, the Committee recommends that the Board continue to evaluate innovative means to encourage membership by young professionals such as, for example, provision of member-sponsored and funded "certificates with a one-year introductory membership."

Next Meeting Date: Sunday, July 14, 2024, Long Beach, California.

Meeting Adjourned: 2:04 p.m. Eastern Time.

Chairperson: Roger Cook.

Webinar Committee

Attendees: Veronica Bryant (Chair), Kaitlyn Casulli (Vice-Chair), Michael Batz, Armitra Jackson-Davis, Joshua Gurtler, Alvin Lee, Humberto Maldonado, Doug Marshall, Abhinav Mishra, Claire Murphy, Angela Shaw, Purnendu Vasavada.

IAFP Staff Present: Dina Siedenbug, Tamara Ford.

Meeting Called to Order: Sunday, 1:02 p.m. Eastern Time, July 16, 2023.

Old Business: 2022 Minutes Approved (Claire motion, Mike second).

New Business: Reviewed the listing of webinars presented in the last year with attendance and registrations. Most took place toward April-June 2023. Similar webinar pattern as last year; notices of non-acceptance go out and webinars are used as an alternative. We reached out to non-accepted presenters to invite them to submit their ideas as webinars. Managing 200+ responses was not easy; how can we handle it better in the future? Webinar numbers increased, but the total number of attendees decreased in the past year. Registrations: 4,218, Attendees: ~2,000, Views: ~2,500. Views approximately doubled, likely due to the food safety day promotion in June. International Food Protection Issues PDG and Student PDG were our two biggest participants. These were new PDG participants, leadership is likely the reason why we are showing increased attendance from new groups – promotion within the groups.

Participation is excellent - ~50%. The physical hazard webinar was heavily attended. Good international presence and relevance. High attendance for fruit and vegetable-related webinars.

Dry cleaning webinar, maybe do a part 2. For proposals, make sure the people you ask are serious about participating. Is there technical assistance

available? What are FAQs and how can we help people flesh out topics, find speakers, etc.? We don't turn down a lot of proposals. We do direct people to find more diversity (e.g., not only industry, but include academic/government to add perspectives and avoid sales pitches). How can we communicate assistance better for people who are proposing topics? One-on-one assistance for people navigating a submission; this is what the program committee does. Have committee members be the "guides" for submitters and assign based on topic area expertise. Bring back ideas from last year of how to organize and submit a webinar (one-pager or a webinar) where people can ask questions. Encourage more collaboration with PDG especially to vet content questions or to find speakers. A webinar on traceability was proposed and that proposal fell through the cracks; how can we give greater accountability to submissions? Nobody wants to have to submit twice. Loop in the chairs to help with managing submission traffic. Issues with trying to find speakers for ideas – students have ideas but they have difficulty knowing how and where to recruit speakers. We don't have content right now regarding webinars with our regular submission forms. We encourage submission but we don't give directions. How can we better delegate webinar approvals to the committee's expertise? We are trying to avoid sales pitches, what expertise can we lean on to ensure this doesn't happen? Get the slides in advance as a check on the content. Send out to chairs of committees to encourage the submission of webinars when programs get rejected.

We have a lot of people who have reached out and we haven't seen a return in terms of increased webinar submissions. Find a way to walk people through more directly; as they come in find people to walk the submitting PDG through the process. Have a mechanism to give people information about the process of developing a webinar. Younger people might have a more difficult time reaching out to find speakers and getting responses, while more well-known people can receive better responses. There is a gap in submissions going to the IAFP staff and then the staff sends to committee chairs. Can we improve this process to have chairs cc'ed on submissions? An in-person program this year got canceled due to visa issues – adapt to be a webinar. No virtual option at the meeting and people can't access travel, promote as a webinar. Try to promote for the fall when webinar numbers are low. Is 50% good enough, and can we increase it? Can we capture who registered but viewed later? Can we understand where the attendees are coming from? Time differences can hinder live participation. Let's continue to promote the free month of viewing. Have two sessions. Record the webinar and have a Q&A session for the two halves of the globe for broader reach. Webinar.com says participation is usually 20% on the low end and 40% is on the high end for average attendance of webinars.

Attendees do not have to be members to attend a live webinar. We are not capturing single registration streaming webinars to multiple people in a room. Rapid methods in the lab webinar. Seemed borderline as to whether this was violating commercialization policy (we aren't sure if this was IAFP or another organization). We don't want to kick a webinar out because we think it might be a sales pitch but we need better review for subject matter experts. Get the committee's opinion but maintain a quick turnaround time. Closed captioning is not available on GoToMeeting. Look at other options for webinar platforms; we recommend Zoom. Prioritize topics that would be preferred by members and then invite speakers. This task can fall on committee members to develop webinars. Get help from the Program Committee to help us to understand priorities. PDG leadership can help develop webinars that can be formed from rejected proposals. Chat GPT webinar or other AI topic for a potential future webinar topic.

Board Recommendations:

1. Mechanism to provide submitters with a way to get assistance with webinar submission. We suggest a webinar on webinars, or direction to other written content to aid with submission and a Check box on the submission form to specifically request help in a nearly finished proposal.

2. Consider accessibility for webinars (e.g., closed captioning) and consider changing the platform for webinars to something other than GoToMeeting due to the lack of accessibility features.

3. Receipt of submission of webinar form to inform submitters that their request has been received.

4. Providing increased publicity of IAFP and webinar programming on LinkedIn to help reach an international audience.

Next Meeting Date: Sunday, July 14, 2024.

Meeting Adjourned: 2:26 p.m. Eastern Time.

Chairperson: Kaitlyn Cassuli.

Advanced Molecular Analytics PDG

Attendees: NA.

Meeting Called to Order: Sunday, 1:00 p.m., Eastern Time, July 16, 2023.

Minutes Recording Secretary: Tyler Chandross-Cohen.

Old Business: The AMA leadership reviewed the antitrust guidelines for the IAFP meetings and members approved the 2022 AMA meeting minutes.

New Business: The Leadership was introduced: Jasna Kovac was introduced as the AMA PDG chair and Joelle Salazar was introduced as the AMA PDG

vice-chair. Tyler Chandross-Cohen was introduced as the Student Liaison for the AMA PDG. A brief overview of the 2023 IAFP Annual Meeting Symposia that the AMA PDG sponsored as the primary sponsor was presented. 23 symposia proposals were sponsored by AMA PDG, and the AMA PDG was the primary sponsor for 11 out of 23. Further, 6 were accepted (26% success rate) and the AMA PDG was a primary sponsor for 4 out of 6 symposia. Additionally, the Applied Laboratory Methods PDG and Animal and Pet Food Safety PDG were introduced as co-sponsors of the events. The meeting updates from the Executive Board were shared, including the IAFP 2023 Meeting App, the new video from the Diversity, Equity and Inclusion Council developed by Lester Schonberger, and the free webinars that were offered in June to celebrate Food Safety Month. The free webinars were a success and gained more than 9,000 views. Additionally, the opportunity to join a committee was introduced, and the ongoing mentor match program, as well as signing up for the notifications from the *Journal of Food Protection*. The next IAFP Annual Meeting was introduced, which will be held from July 14-July 17, 2024, in Long Beach, California. The guidelines for the IAFP Symposia/Workshop/Roundtable Proposal development were presented. The deadline for submission of 2024 proposals is October 3, 2023. It was encouraged that the DEI principles would be considered during the webinar development and webinar series. It was noted that each proposal needed to be sponsored by 2 PDGs, and members that are interested should email Joelle (Joelle.Salazar@fda.hhs.gov) or Jasna (jzk303@psu.edu). Joelle presented a Google Jam QR code, and members were encouraged to share ideas for symposia/workshops/roundtable proposals for the 2024 IAFP Annual Meeting.

Topics include: (i) using transcriptomic sequences to develop prevention strategies; (ii) using just molecular techniques, no enrichment methods for detection. More sessions will be recommended on the Jam Board.

Recommendations to the Executive Board: None

Next Meeting Date: July 14, 2024, Long Beach, California.

Meeting Adjourned: 2:42 p.m., Eastern Time, Sunday, July 16, 2023.

Name: Joelle Salazar.

Animal and Pet Food Safety (APFS) PDG

Attendees: Beilei Ge (Chair), Li Ma (Vice-Chair), Clifton Baldwin, Marianne Bellot, Lisa Benjamin, Ledon Black, Meikel Brewster, Nicolette Brown, Greg Burnham, Caio Carvalho, John Kevin Castro, Catherine Chubb, Rachel Conrad, Mary-Grace Danao, Andrew Dean, James Drescher, Carlos Gonzalez Ducker, Matt Guo, Nicolette Hall, Kyle Hellmer, Jani Holopainen, Jada Jackson, Amanda Martin Jones,

Jordan Kiefer, Ian Klug, Kali Kniel, Jeffrey Kornacki, Richard Kralj, Cornelie Aalders-Lankhorst, Susan Linn, Christopher Mains, Ryan McDonald, Rachel McEgan, Joseph Meyer, Jesse Miller, Gerardo Morantes, Kasey Nelson, Celso Bruno de Oliveira, Michael O'Rourke, Christophe Quiring, Timothy Rugh, Patricia Rule, Kaylee Rumbaugh, Deepti Salvi, Mansour Samadpour, Buddhi Sapkota, Michele Sayles, Scott Sayles, Ahnna Schulte, Adrienne Shearer, Anru Shen, Yang Shen, Szu-Chuan Shen, Gregory Siragusa, Doina Solis, Rachel Teoh, Deepa Thiagarajan, Celina To, Jennifer Turpin, Francisco Garces-Vega, Leya Susan Viju, Sarah Kozak-Weaver, Pamela Wilger, Chung-Hsin Wu, Kris Young, Chee Zheng.

Number of Attendees: 64.

Meeting Called to Order: Sunday, 9:00 a.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: Leya Susan Viju.

Old Business: The Chairperson (Beilei Ge) summarizes IAFP 2022 Meeting Minutes including Board Responses, and members approved the minutes.

New Business: The Chairperson welcomed all attendees to this PDG meeting, introduced the Vice-Chairperson (Li Maria Ma), appointed a recording secretary (Leya Viju, Student PDG liaison), and orally reviewed the antitrust guidelines.

Tim Jackson, IAFP Board Liaison to this PDG, welcomed everyone to the IAFP 2023 Annual Meeting. He provided IAFP 2023 announcements from the Executive Board. Leya Viju, representing the Student PDG, gave an update about the 2022-2023 activities and accomplishments of the Student PDG.

The Chairperson encouraged members to use the *IAFP Connect*, sign up for PDGs and volunteer opportunities, and opt in for messages from this PDG. She mentioned that to be involved with the PDG, you don't need to be a member of IAFP but membership is highly encouraged to stay connected. She also mentioned the opportunities for PDGs to host year-round webinars.

The Chairperson reviewed the purpose and status of the PDG and mentioned that this PDG will hold an election for the next Vice-Chairperson prior to the IAFP 2024 Annual Meeting (in early fall) and encouraged nominations. The group discussed PDG goals for 2023-2024 including having activities throughout the year (e.g., quarterly webinars), and providing values to the PDG community.

A list of symposium/poster/technical sessions sponsored or co-sponsored by this PDG at IAFP 2023 was shown, including three symposium proposals not accepted, which may be considered for IAFP 2024 proposal or webinar submission. The Chairperson provided statistics for both IAFP 2023

session proposals and webinars, and thanked session organizers/convenors/presenters.

Two technical presentations were given, one by Gerardo Morantes, from Buhler Inc., on "Optical Sorting Technology for Mycotoxin (Aflatoxin) Reduction," and the other one by Marla Keller (presented by Beilei Ge) from FDA, on "Updates on FSMA Implementation for Animal Food."

Symposium/Roundtable/Workshop ideas for IAFP 2024 were discussed by the whole group. The Chairperson reminded everyone about the DEI principals, involvement of international and next generation of young scientists, and 2 PDG sponsorship for each proposal. These ideas were distilled into 5 topics with potential organizers/speakers/co-sponsoring PDGs identified for further development. The next step has been discussed for organizers to solidify these topics for proposal submission by October 3, 2023. Broad topics discussed included pathogen control in pet food, nutritional deficiencies in animal food, human-pet linkage, genomic testing for animal food fraud, and emerging trends including consumer perspectives etc.

Recommendations to the Executive Board:

1. If we are to propose a workshop (1 to 2 days), would there be funding and support from IAFP?
2. Understandably, animal food is not traditionally a focus of IAFP. The PDG members showed great appreciation for the establishment and healthy growth of this PDG and would appreciate very much that the Board promotes this PDG whenever possible.

Next Meeting Date: July 14, 2023, Long Beach, California.

Meeting Adjourned: 11:00 a.m. Eastern Time.

Chairperson: Beilei Ge.

Applied Laboratory Methods PDG

Attendees: Daniel DeMarco (Chair), Julie Weller (Vice-Chair), Hany Anany, Marianna Arvaniti, Takiyah Ball, Andrzej Benkowski, Rachel Binet, Melissa Bohn, Mick (Joseph M.) Bosilevac, Makena Brand, Alex Brandt, Antoine Cabon, Catharine Carlin, Austin Cary, Erdogan Ceylan, Patrice Chablain, Evan Chaney, Christine McIntosh-Cole, Margaret (Peg) Coleman, Atin Datta, Kelly Dawson, Michael Day, Melanie Downs, Emily Feldpausch, Baback Gharizadeh, Jakob Gryniewski, Julie Haendiges, Lauren Hamilton, Jon Hammond, Yihan He, Evan Henke, Brittany Holmes, Kristen Hunt, John Jarosh, Lee-Ann Jaykus, Megan Jensen, Vijay Juneja, Jordan Kiefer, Minji Kim, Kento Koyama, Brenda Kroft, Quynh-Nhi Le, David Legan, Shenmiao (Ivy) Li, Zhiwei Li, Shaunti Luce, Alina Magnuson, Jessica Maitland, Evelyn Maranan, Ryan Matsuda, Ryan Maus, Alma Perez-Mendez, Joseph Meyer,

Scott Moosekian, Paul Morin, Xiangwu Nou, Rebecca Olsen, Pranita Patil, Catalina Pelaez, Laurie Post, Alexander Prokup, Christophe Quiring, Orhan Sahin, Gabriel Sanglay, Donald Schaffner, Yang Shen, Alexandre da Silva, Julie Simcox, Gregory Siragusa, Amanda Brookhouser-Sisney, Daniel Smieszek, Robbie Smith, Yesutor Soku, Jack Stevens, Leslie Thompson-Strehlow, Rachael Trott, Alex Tudor, Persephone Valentine, Ann Charles Vegdahl, Isabel Walls, Kaidi Wang, Stevie Ward, Li Xiao, Mu Ye, Jingbin Zhang.

Number of Attendees: 84.

Meeting Called to Order: Sunday, 3:15 p.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: Amanda Brookhouser-Sisney.

Old Business: Reviewed the Anti-Trust Guidelines and approved the 2022 minutes. Joe Meyer (out-going chair) provided Board announcements. Reminded attendees to utilize the meeting app and view the video shared by the DEI council on equity and inclusion. Outlined the success of the open access webinar archive for the month of June with 9,000 views. The *Journal of Food Protection* is now open access. Users can set up alerts to receive notification when new articles are published. Reviewed the 2023 symposium and roundtable sessions accepted and in the program for primary and secondary ALM PDG sponsorship (seven total). Board responses to the 2022 recommendations were reviewed.

New Business: Dan DeMarco confirmed as the new PDG Chair and Julie Weller announced as the PDG Vice-Chair. Amanda Brookhouser-Sisney will serve as Secretary and Pranita Surendra Patil will be the Student Liaison.

The meeting was kicked off with the traditional reading of *The Night Before IAFP*, a poem written by Dan DeMarco. It is a (sort of but not really all that) funny anecdote about microbiologists getting ready to go to IAFP. Poem is reprinted below:

'Twas the night before IAFP and all through the house, microbiologists at laptops, clicking with mouse.

The posters were hung in the hallways with care in the hopes that grant funding soon would be there. The microbes were nestled all snug on their slants, safety glasses and gloves, but no underpants.

And mamma in her lab coat, and I in my gown, had just settled our brains at the lab downtown.

When out from the bench there arose such a clatter, I sprang from my chair to see what was the matter. Away to the hood I flew like a flash, turned on the blower and threw up the sash. UV light aglow on stainless steel.

This cannot be happening, cannot be real. Before my wondering eyes did appear,

IAFP conference proceedings and a six pack of beer. The PDG members in attendance were slightly amused.

The Validation and Verification Interest Group sub-leads provided updates. David Legan spoke on the group's background and progress. The subgroup was started in 2017 to serve the needs of practitioners. Since then, six webinars, four *Food Protection Trends* articles, and a risk-assessment tool for verification/validation of matrices have all been produced. Two of the four articles have received the most read General Interest Article awards. Most recently the article on Strain Selection for Pathogen Method Evaluation received the award for most read General Interest article in *FPT* over the past two years for 2023. In the May/June 2023 edition of *FPT* an article on Evaluating Microbiological Method Equivalence was published. The success of this sub-group has demonstrated that there is a need for guidance on validation and verification for end-users.

Laurie Post provided an update from the Method Discrepancy subgroup. Previous articles discussed approaches to validation and verification and method equivalence. A publication is currently in progress which will explore discordant results that are contradictory or at odds with what is known about the product tested or assay performance. The objective is to provide examples of these discrepancies and possible ways to resolve them.

An update on webinars was provided by Amanda Brookhouser-Sisney. The goal of this group is to provide a different forum to share the information produced in the various publications. Matrix Additions to Rapid Pathogen Detection Methods Part 1 was presented by Patrick Bird, Takiyah Ball and Gabriela Lopez Velasco in May of 2023. The presentation provided guidance on assuring the right fit for microbiology methods. Part 2 is currently slated for September 2023 and will outline study design and how to employ the matrix assessment tool. The group is seeking volunteers to participate in Part 3 on validations.

Julie Weller leads the Inoculum Preparation and Inoculation subgroup. This group is working on a publication to provide an overview of how to prepare cultures and accurately reach target inoculum levels needed for verification and validation studies. This encompasses the guidelines provided by AOAC, USDA, ISO, and HC. The objective is to provide a robust study design for laboratories to follow when evaluating a method for pathogen detection.

The student PDG 2023 updates were provided. This included a meet your favorite scientist activity which connected students with food professionals to talk about different career paths. Dan DeMarco noted that sadly he had not been asked to participate in the program as a "favorite scientist" The 3-minute thesis competition allowed students to present their research in a dynamic format. Students are encouraged to submit proposals to the IAFP Annual Meeting.

Dan Demarco (incoming Chair) would like the ALM PDG to meet quarterly (3 online meetings, 1 in person at IAFP national meeting) going forward. Potentially provide a forum for careerlevel scientists to share their career paths for students. Other meeting format options still under consideration.

Participants were encouraged to provide ideas for 2024 workshops and sessions. Preliminary ideas were gathered and will be formatted into a spreadsheet to be shared through *IAFP Connect*. Topics included viable but non-culturable organisms, statistical analysis for method performance criteria, use of USP methods, challenges with probiotic testing, methods for *Salmonella* in chicken products, confirmation methods, proficiency testing, food allergens, *Cronobacter* testing and sewage surveillance.

Recommendations to the Executive Board:

1. Recommend that the Board approve Dan DeMarco as Chair and Julie Weller as incoming Vice-Chair for the Applied Laboratory Methods PDG.
2. Recommend that the Board announcements take place at a time different than the beginning of each PDG meeting. For people attending multiple PDG meetings, this information is repetitive, delays the PDG in getting into the official business, and takes up a significant amount of time.
3. Recommend that the Board improve the functionality of the IAFP Meeting App.
4. Recommend to the Board that the Annual Meeting location includes more international destinations. According to the first word in its name, IAFP is an international association and therefore should include more international locations for the Annual Meeting.

Next Meeting Date: July 14, 2024, Long Beach, California.

Meeting Adjourned: 4:20 p.m. Eastern Time.

Chairperson: Dan DeMarco.

Beverages and Acidified Foods PDG

Attendees: April Bishop (Chair), Yoqian Lou (Vice-Chair), John Allan, Angela Anandappa, Olivia Arends, Jyoti Aryal, S. Balamurugan, Brittani Bedford, Aerial Belk, Jared Bock, Fred Breidt, Robert Buchanan, Carmen Cantu, Mark Carter, Erdogan Ceylan, Judy Chow, Betsy Craig, Sitara Cullinan, Carl Custer, Mary-Grace Danao, Mary Morris- Donaldson, Eric Edmunds, Craig Edwards, Robyn Eijlander, Julia Fukuba, Yupawadee Galasong, Yuan Guo, Abdul Aziz Al Hajeri, Roger Hancock, Erin Headley, Gayan Hettiarachchi, Leslie Hintz, Manki Ho, Karla Horne, Ingrid Huntley, Keith Ito, Brian Izdepski, Marion Shepherd, Jr., Ahmed Al Kaabi, Layal Karam, Pete Kennedy, Mondonna Khan, Sefat E Khuda, Sanjay Kumar, Loralyn Ledenbach, Girvin Liggans, Susan Linn, Ryk Lues,

Vivian Ly, Alina Magnuson, Taylor Maloney, Robert Manning, Colleen Mattingly, Rachel McEgan, Michael Michel, Rupesh Modi, Donna Moore, Juan Moreira, Melanie Neumann, Amanda Ng, Rocio Nunez, Wilfredo Ocasio, Cory Ortego, Christine Endacott- Palmer, Brian Perry, Raghu Ramaswamy, Alyssa Roberts, Lisa Robinson, Patricia Rule, Kristin Schill, Girdhari Sharma, Nic Sharman, Yang Shen, Niraj Shrestha, Dara Smith, Megan Smith, Daniele Sohier, John Spink, Rico Suhalim, Susan Teegardin, Sjuul Thijssen, Anneliese Townsend, Corey Troutman, Theresa Upshall, Ann Charles Vegdahl, Zachariah Vice, Surabhi Wason, Wendy White, Sharon White, Amy Wise, Changqing Wu, May Yeow, Pagiel Yoo, Pam Young.

Attendees: 92.

Meeting Called to Order: Sunday, 1:00 p.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: Julia Fukuba.

Incoming Vice-Chair, Yuqian Lou, Ph.D. provided the introduction. Antitrust guidelines were read.

Old Business: Student Liaison (Bet Wu) gave updates on Student PDG, large discussion for symposium/roundtable ideas, nominations for Vice-Chair, discuss what foods to include in 'Beverages and Acidified Foods' PDG.

May Yeow shared list of proposed ideas from previous years. 6 titles, and 5 got through. Accepted Symposium was S29 – Symposium @ Tuesday July 18, 2023 8:30AM 718B.

New Business: Julia Fukuba, Graduate Student, University of Massachusetts Amherst, Department of Food Science "Investigation of food safety process parameters within Lacto-fermented sauerkraut." Lacto-fermented foods – sauerkraut, kimchi, etc. Rise in market trends, new business opportunities, market growth within the next few years.

FSMA enacted in 2011 – Preventive Controls for Human Foods requires food businesses/processors to establish a food safety plan. Within food safety plan, validation work is needed to ensure mitigation of pathogen growth.

However, there is limited resources, scientific data on food safety aspect of lacto-fermented foods. Outbreaks/Recall associated with lacto-fermented foods. Thesis project: Investigate various process parameters (ex., salt concentration, incubation temperature, etc.) to find out the optimal fermentation conditions for producing sauerkraut. Future studies-inoculation studies to see growth of pathogens within this optimized condition.

Student PDG 2023 Updates were given.

Fred Breidt, Ph.D. – Microbiologist, USDA, North Carolina State University, "Buffer capacity of research and the safety of acid and acidified foods," Technology, Petition how to regulate acidified foods (to the FDA), Buffer modeling – helps determine if food is acid or acidified, raw pH impact, What is buffer modeling?

Plot a BC curve by taking the derivative of pH levels of ingredients, We can find the pK and can predict final pH levels of food products, Water is not an ingredient for acidic foods.

Published papers – ex., Buffer models for pH and Acid Changes Occurring in Cucumber Juice Fermented with *Lactiplantibacillus pentosus* and *Leuconostoc mesenteroides*.

If you know the pH, you can know what acids are produced/included.

tBeta – quantitative measure of how food ingredients influence equilibrated pH, area under buffer curve subtract area under the water curve, use how to impact policies of foods, sugar – not a strong base, actually a very weak acid, can use for product development – dressing formulation, combine ingredients from database tables automatically generated pH predictions acid or acidified? Validation with multiple acids/ ingredients, Future – link bacterial pathogen and observe 5-log reduction with pH and acid, Pathogen – *E. coli*, *Salmonella*, *Listeria*.

Discussion for Symposia and Roundtable ideas.

Last year's ideas for proposal: Wilfredo's idea got accepted. Ideasweet and Savory – should sugar be considered a low acid ingredient (only aqueous phase – not in oil), syrups, food ingredient companies, Contact: Fred, Wilfredo, Yuqian.

Recall in aseptic products: analyze issue – how to prevent that to happen again, Sanitation (work with Sanitation PDG), People don't know how to approach/introduce gap of knowledge, How can we avoid another Giant recall in low acid aseptic foods.

Antimicrobial properties of coffee and tea: Symposium, Issue and concern, How antimicrobial these are FDA LACF, TCS, work with Dairy PDG.

Best practices for holding low acid raw beverages: Symposium, Work with Modelling PDG?

From 2019 – How can we effectively reuse/reclaim water end-to-end: Cost efficient, Collaborate with Water PDG, Dairy PDG, Sanitation PDG.

Safety of Ready-to-eat Fermented Foods (Kimchi, sauerkraut, kombucha): Symposium, UMass Amherst Lab, International Institute of Kimchi, USDA/NC State, Combine with idea from 2019.

Non-thermal technology of safety practices and validation work: UV, ozone, electrolyzed, HPP, with Water PDG.

Think of food product examples to include in Beverages and Acidified Foods PDG.

Recommendations to the Executive Board: None.

Next Meeting Date: Sunday, July 14, 2024, Long Beach, California.

Meeting Adjourned: 3:00 p.m. Eastern Time.

Chairperson: April Bishop.

Dairy Quality & Safety PDG

Attendees: Neil Bogart (Secretary), Eurydice Aboagye, Gary Aldis, John Allan, Basim Alohal, Rodger Anthonijsz, Olivia Arends, Preetha Biswas, Jared Bock, Ariel Buehler, Laurel Burall, Antoine Cabon, Sophie Canobio, Carmen Cantu, Teresa Chung, Margaret (Peg) Coleman, Camryn Cook, Paola Corea, Erin Ducko, Denise DuFresne, Morgane Elisma, Dan Erickson, Andrea Etter, Jeff Farber, Nicole Fredericks, Zhujun (Abby) Gao, Kathleen Glass, Erin Headley, Rick Heiman, Evan Henke, Roger Hooi, Kristen Houck, Ingrid Huntley, Lone Jespersen, Craig Jewell, Loyal Karam, Mike Knowlson, Sanjay Kumar, Kajam Kunarajasingam, Hoi Mei Lau, David Legan, Zhiwei Li, Deon Mahoney, Mike McQuarie, Anuj Mehta, Anibal Concha-Meyer, Ahmed El-Moghazy, Nooshin Moradi, Caroline Motzer, Steven Murphy, Joseph Odumeru, Rebecca Olsen, Stacy Ostromecki, Christine Endacott-Palsmer, Kavita Patil, Pranita Patil, Catalina Pelaez, Gabriella Pinto, Gale Prince, Christophe Quiring, Amy Rhodes, Timothy Rugh, Tomasz Seliwiorstow, Manoj Shah, Ofer Shoham, Rob Shumaker, Lia Stanciu, Larry Steenson, Jun Su, Arleen Tibayan, Michelle Tran, Aljosa Trmcic, Marvin Tzirin, Marvin Tzirin, Purnendu Vasavada, Kaidi Wang, Andrew Wilson, Sharon Wilson, Kathy Woodman, Shuopeng Yang, Pam Young.

Board/Staff Present: Mark Carter.

Number of Attendees: 81.

Meeting Called to Order: Sunday, 10:00 a.m., July 16, 2023.

Minutes Recording Secretary: Kavita Patil.

Old Business: Neil Bogart, PDG Secretary, opened with the Anti-Trust Guidelines. We then went around the room and did introductions of all attending members. Roughly 40-50% of the attendees to the meeting are new to the PDG. The 2022 minutes were approved by Rick Heiman and seconded by Lone Jespersen.

New Business: Mark Carter, the IAFP Board Liaison, shared key highlights of the IAFP app and encouraged everyone to join the Mentor program. Kavita Patil, the Student Liaison, provided an update on the social and learning events organized by the Student PDG during the 2022-2023 period. These events included the updates from the events "Meet Your Favorite Food Scientist," the "3-Minute Thesis" competition (3MT), and "Proposal Submissions."

- During the meeting, industry updates were also discussed. John Allan addressed the dairy industry and highlighted the collaboration between the FRI to help delineate cheese based on intrinsic risk factors.

1. Goal – Application of FDA advocational recordkeeping requirements for truly higher-risk cheese only.

2. Additionally, John Allan mentioned the upcoming Regulatory Roundup conference scheduled for July 25-26, 2023.

- David Legan, representing Eurofins Microbiology, presented on the evaluation of microbiological method equivalence. He discussed the distinction between verification and validation, as well as the challenges and considerations involved in adopting an equivalent method for pathogen detection enumeration.

After the presentations, the floor was opened up for ideation for the 2024 symposia and roundtable topics.

Interim PDG meetings will be held throughout the year via GoTo Meeting. Information on meeting dates and times will be communicated through *IAFP Connect*.

Recommendations to the Executive Board: None.

Meeting Adjourned: 12:00 p.m. Eastern Time.

Chairperson: Josie Greve-Peterson.

Data Management and Analytics PDG

Attendees: Daniel Weller (Vice-Chair), Shahram Ajamian, Jjuan Archila, Charles Bakin, Clifton Baldwin, Chris Boyles, Janet Buffer, Jack Burnett, John Kevin Castro, Sejin Cheong, Taejung Chung, Tyler Chandross-Cohen, Sitara Cullinan, De Ann Davis, James Doyle, Sofia Santillana Farakos, Connie Freese, Yupawadee Galasong, Alberto Garre, Steven Gendel, Gabriella Gephart, Stephen Grove, Abdul Aziz Al Hajeri, Olivia Haley, Roger Hancock, Eelco Heintz, Joe Heinzelmann, Dave Hill, Allison Howell, Brian Izdepski, Basel Al Jaber, Megan Jensen, Chris Jordan, YeonJin Jung, Ahmed Al Kaabi, Paula Klassen, Barbara Kowalczyk, Michala Krakowski, Vijay Krishna, Bobby Krishna, Devin LaPol, Xiyang Liu, Jinxin Liu, Nicolas Nguyen Van Long, Yuxiao Lu, Steven Mandernach, William Melnychenko, Caroline Motzer, Claire Murphy, Kefang Nie, Dana Hoffman-Pennesi, Brian Perry, Harmeen Prasher, Chenhao Qian, Erin Ramsay, Gustavo Reyes, Carrie Rigdon, Lisa Robinson, Todd Ruthman, Deepti Salvi, Mansour Samadpour, Elisa Guardado Servellon, Natalie Seymour, Julie Simcox, Matthew Stasiewicz, Kelly Stevens, Sriya Sunil, Abdullatif Tay, Corey Troutman, Xiaohong Wei, Linghuan Yang, Jiyeon Yi, Pam Young.

Number of Attendees: 72.

Meeting Called to Order: Sunday, 9:00 a.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: Daniel Weller and Elisa Guardado Servellon.

Old Business: We started the first annual, in-person PDG with an introduction of the PDG's mission and history (Barbara Kowalczyk). We then moved forward with brief introductions. After introductions, we reviewed the antitrust guidelines before moving on

to IAFP Executive Board announcements (from Mark Carter). Key updates centered on the importance of *IAFP Connect*, and reminders about 2023 in Toronto (e.g., to check passport and visa requirements, that COVID19 vaccines are mandated for entry to Canada). The student liaison then provided updates from the Student PDG (Claire Murphy); if members are interested in getting involved with the Student PDG activities (e.g., mentoring programs contact Claire Murphy at cmarik@vt.edu). We then reviewed the events at IAFP 2022 that the DMA PDG co-sponsored (there were four total). Attendees were engaged in a discussion, through break-out groups, on data management and analytic needs for the IAFP community. Each break-out group then shared their ideas with the PDG. Most ideas focused on data integration; working with and addressing messy and dirty data; data sharing and ownership; and/or data translation and communication (e.g., storytelling). Other common themes included how to generate practicable outputs (visualizations and models) that can be used by companies with limited and/or by companies with ample resources, and how to identify data business needs and capabilities.

Afterward, we discussed how to best structure the PDG moving forward to best meet the PDG and wider IAFP needs. We first discussed how frequently we would like to meet. Suggestions were made for monthly, bimonthly, and quarterly. We settled on meeting bimonthly but recognized that this frequency could be increased or decreased as needed. We then discussed in break-out groups how and when to organize webinars (e.g., as part of the bimonthly meetings) and potential webinar ideas; these ideas were recorded in the Google sheet (<https://bit.ly/3zM7OxE>). One point of discussion was if the webinars were to support analytical skill development of the PDG members or to support data management and use within the wider IAFP community. We determined that the webinars could support both aims. We then moved forward with idea generation for symposium and roundtable for IAFP 2023. We started with a Word Cloud which will be posted in *IAFP Connect*. Top words included data standardization, management, and literacy as well as predictive modelling, spoilage, successes, digital decision management, data communication and translation. We then split into small break groups and reported back with these symposium ideas. We discussed ideas on how to best establish collaborations with other PDGs or with speakers. Ways discussed to do this included sharing your ideas in other PDG meetings and reaching out to the speakers from or leadership of the other PDG in-person while at the conference. Ideas and submission progress will be recorded in <https://bit.ly/3zM7OxE>. We also discussed recommendations to the IAFP Executive Board and reminded attendees about symposium proposals and abstracts. Finally, it was announced that an election will be held for a new Secretary in spring 2023; at IAFP 2023 Barbara

Kowalcyk will become Chair Emeritus, Sarah Murphy will become the new Chair and Daniel Weller will become the new Vice-Chair.

New Business: The meeting started with a welcome from the Board and reminders. Each member of the PDG introduced themselves. It was announced that *JFP (Journal of Food Protection)* is available as open access, notifications must be activated to receive the journal publications. It was also reminded that members can sign up for the IAFP mentorship program.

Barbara Kowalcyk welcomed the PDG attendees. All attendees accepted the previous minutes. Barbara Kowalcyk is an outgoing chair, and Sarah Murphy is the current chair. The committee is accepting nominations for the secretary position for this PDG. Overview of roundtables and symposia, the PDG cosponsor these roundtables alongside other PDGs. Data sharing was mentioned as an important topic that would be discussed at a roundtable.

Roundtable about Data Management:

The presenters of the roundtable were introduced. The roundtable had presenters from academia, FDA, and organizations. The presenters gave an insight into the current challenges of data sharing. Attendees were encouraged to ask questions and participate. After the introduction, the roundtable started with the main question: "How to convince growers/people that investing in data management is important?" all the presenters agreed that people do see a return on investment despite the challenges. It was noted that there is an opportunity in risk factors associated with food safety, it is necessary to share across academics and companies to get involved in data sharing. Retail inspections have a high-performing sector, when looking at the data, they realized there are many things that could be performed much better. This data allowed them to rethink how to improve.

There was participation from a manufacturer's point of view, manufacturers want the data to be a means to solve a problem, the trustworthiness of the data, and how to prioritize the data. Data aggregation is how to separate data in an effective way. Discussion started around this topic, inspectors may have long inspection times. There are many challenges when it comes to working with data in a controlled environment. An attendee mentioned that this is an important topic, in the food industry, there has been a lot of predictive model data, thousands of food companies have had issues with people outsourcing their data, and there is a concern about how data is protected and handled. On Wednesday morning there will be a meeting discussion about cybersecurity. It was mentioned that another challenge with data management is how much of the information can be shared. It is possible to design a platform that can conform to these points. Another participant mentioned how to handle quantitative and qualitative data, from FDA regulators and mentioned

that it is possible to apply multicriteria models or semi-quantitative models. There was participation raised another question, "has there been a need to change this or improve data sharing" A second question was "Is there a value that is seen in sharing data in the first place" Government data systems have a lot to be desired, there is an interest on these models, alongside a return for them. A participant that works with providing software technology for data analysis mentioned that it is interesting how there is a focus on who is going to benefit from the data, how is it going to be shared, and who verifies it. A question that was raised "What are the biggest hurdles seen within companies or organizations when it comes to data sharing" One of the challenges is showing the importance and usefulness of data. It was mentioned that for FDA it takes a significant amount of time to gather data, making data comparable, it is necessary to create data dictionaries, transparency is key to capture differences in information. It was mentioned that one of the obstacles to data sharing is "what is in it for me. Another challenge that was mentioned is that data can be stolen easily, if there is a good data system setup, if possible for it to be used. As an answer during the roundtable, most data of organizations is voluntary. A question that was raised was "How to go about working with massive amounts of variables in data sets" It was answered that they prioritize what the customer is asking for. Another question of a participant is that companies could be interested in how to transfer data in a way that can be analyzed and understood. From an academia perspective, is to prepare data that is significant for food safety. A participant asked "How to engage users to act" Engagement is tracked in FDA websites, this is focused on data analysis, not solely on the user. A comment that was mentioned is that it is necessary to define the problems or challenges for organizations in data sharing and food safety.

Symposia and Webinar Ideas:

The deadline for submitting symposium proposals to IAFP is October 3, 2023. Daniel Weller will keep track of webinars and symposium ideas. One proposal was "Defining a Food Safety Data Standard for Laboratories." it was commented that it would be necessary to engage in ways that people can be active. It was commented it might be good to target an industry for data standards. Another idea is to segregate this topic into groups. Another suggestion was "Leading Indicators in Data Sharing in Food Safety." "Traceability and International Perspective" was another suggestion. "Needs of Publics and Private Sectors: How to train people in data sharing." Another discussion was "Food Safety Data Standard in Water." Symposium on using "Correlated Data." A suggestion was "How to Take a Process and How to Capture the Data Correctly." A suggestion was "Differences in Mechanisms in Date Sharing from an International Perspective." Another idea was "Date Digitalization." "How to Define Data Metrics" and "What is Define as

a Good Food Safety Performance.” “How to Deal with Weak Signals in Data Sharing in Regulatory Areas.” “What Does Data Science Must Know About Food Science.” “How to Start Data Sharing and Know about the Legal Issues Involved.” More than eighteen ideas were collected during the meeting. A webinar series of ideas were suggested “Learning How to Organize Data in RStudio.” “How to Translate Food Safety in Data Science” could be set up as a technical forum.

Recommendations to the Executive Board: None

Next Meeting Date: July 14, 2024, Long Beach, California.

Meeting Adjourned: 11:00 a.m. Eastern Time.

Chairperson: Sarah Murphy.

Developing Food Safety Professionals PDG

Attendees: Amit Morey (Chair), Jill Stuber (Vice-Chair), Monica Galleguillos Ackerknecht, Jennifer Acuff, Christina Allingham, Rane Anderson, Arzu Irem Aydogdu, Aerial Belk, Laura Pineda-Bermudez, Ledon Black, John Boyce, Kari Bunting, Jessica Burke, Greg Burnham, Purvi Chatterjee, Pavana Harathy Chennupati, Dean Chiarelli, Judy Chow, Camryn Cook, Tracey David, Brenna DeRocili, Minh Duong, Emilio Esteban, Ellen Evans, Savana Everhart, Mariana Fernandez, Liane Ford, Tom Ford, Megan Francies, Connie Freese, Enrique Garcia, Ariel Garsow, Andree George, Gabriella Gephart, Tia Glave, Abdul Aziz Al Hajeri, Suzy Hammons, Maria Hansell, Gregory Harter, Jouman Hassan, Richard Huang, Ahmed Al Kaabi, Karin Kasper, Gurpreet Kaur, Jordan Kiefer, Margaret Kirchner, Michala Krakowski, Maureen Kuboka, Yue-Jia Lee, Juan Ponce De Leon, Joanne Lim, Blanca Ruiz Llacsahuanga, Marisa Lown, Morgan Madison, Humberto Maldonado, Chip Manuel, Kyle McCaughan, Abigail Aba Mensah, Marlee Mims, Ahmed El-Moghazy, Emefa Monu, Shpresa Musa, Pascale Pierre, Gabriella Pinto, Jorge Quintanilla Portillo, Gustavo Reyes, Lisa Robinson, Alyssa Rosenbaum, Amaryllis Rivera- Santiago, Buddhi Sapkota, Dina Scott, Sloane Stoufer, Rico Suhaim, Martha Sanchez-Tamayo, Chayapa Techathuvanan, Lauren Waldman, Michael Wood, Pagiel Yoo, Kris Young, Galante Yu.

Number of Attendees: 78.

Meeting Called to Order: Sunday, 3:15 p.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: Pavana Harathy Chennupati.

Old Business: Amit Morey welcomed everyone to the PDG meeting. The Board Updates provided to Amit were read out to the audience. The Board recommended the attendees to download the IAFP app and view the video from the Diversity, Equity and Inclusion Council. The Board also stated that webinars were a great success during Food Safety Month with more than 9,000 views and will continue to make it an annual event. Members who want to be on committees

can navigate the page “Professional Info/Volunteer Opportunities.” Attendees were encouraged to sign up as mentor or mentee via *IAFP Connect*.

After the Board updates, the minutes from 2022 were presented to the audience (on the screen) and were approved unanimously. Morey informed the audience that a total of 15 proposals (7 primary and 8 secondary sponsors) were submitted to IAFP and a total of 4 proposals were selected (1 primary and 3 secondary sponsored).

New Business: Jill Stuber organized and Tia Glave moderated a roundtable session on Navigating Industry Life as a Food Safety Professional. The panel members were Dr. Michael Wood (Kroger), Megan Francies (Lamb Weston), and Dr. Chayapa Koi (OceanSpray). In the interactive session, audience asked questions about mentorship, building careers, mid-career pivoting, judging company culture before accepting the job, navigating unexpected tasks, gaining trust, and receiving opinions from senior colleagues among others. The session was very well attended and received.

Jill Stuber led an exciting activity called Networking Bingo where the attendees were given a Bingo sheet with various prompt and each member had to go around and introduce themselves to others and get to know them. It was an exciting activity as the audience engaged in a lively networking event and developed new contacts.

Amit Morey then initiated discussion on roundtable and symposium proposals. Some of the topics discussed were on new technologies, food safety jobs awareness of unique food safety jobs, developing skills and experience to secure jobs among others. Jill Stuber developed a link for the audience to send their proposal ideas which was shared with everyone via a QR code.

Recommendations to the Executive Board: None.

Next Meeting Date: July 14, 2024, Long Beach, California.

Meeting Adjourned: 5:15 p.m.

Food Chemical Hazards and Food Allergy PDG

Attendees: Anthony Adeuya, Dory Worcman Barninka, Joseph Baumert, Veronica Garcia- Bayo, April Bishop, Robert Buchanan, Greg Burnham, Astrid Cariou, Erdogan Ceylan, Chia- Yang Chen, Michael Ciaramella, Brittany Cooksey, Carol D’Lima, Melanie Downs, Sofia Santillana Farakos, Sanjit Fernandes, Tony Flood, T.J. Fu, Steven Gendel, Rick Goodman, Rocelle Grabarek, Stephen Grove, Fabiana Guglielmone, Paul Hanlon, Wannes Hugo R. Van Hassel, Yihan He, Sanaz Hemati, Manki Ho, Nasrin Honardar, Marti Hua, Brian Izdepski, Youngwoon Kang, Loyal Karam, Andrew Karasick, Rohail Khan, Sally Klinec, Shannon Koerber, Dave Largey, Quanhong Li, Girvin Liggans, Yuqian Lou, Todd Masche, Rachel McEgan, Joseph Meyer, Nathan Mirdamadi, Shpresa

Musa, Ashley Nelson, Kizito Nishimwe, Masaru Ochilai, Rakhi Panda, Gregory Paoli, Dana Hoffman-Pennesi, Daniela Pereira, Brian Perry, Rajko Platisa, Alyssa Roberts, Brooke Roman, Neal Saab, Ron Sarver, Girdhari Sharma, Nic Sharman, Lee-Yan Sheen, Julie Simcox, Tamika Sims, Megan Smith, Dara Smith, Debra Smith, Ana Souza, Jack Stevens, Rick Stokes, Steve Taylor, Helen Taylor, Purnendu Vasavada, Amy Wise, Beth Wittenauer, Felicia Wu, Li Xiao, Deng-Jye Yang, Joe Zagorski, Chee Zheng, Kang Zhou.

Board/Staff Present: Timothy Jackson.

Number of Attendees: 82.

Meeting Called to Order: Sunday, 10:01 a.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: Sally Klinect.

Old Business: Review of Meeting agenda.

Welcome from Sally Klinect followed by an introduction by each PDG participant. Tim Jackson shared updates from the IAFP Board including a reminder to download the IAFP app, that IAFP Members have free access to webinars, and to update your profile if you are interested in volunteering on a committee. Tim also shared that the *Journal of Food Protection* is available through open access and to verify that emails from IAFP are not going to a SPAM folder in your email.

Sally thanked all those who submitted proposals for this year's IAFP Annual Meeting.

IAFP 2023 sessions sponsored/co-sponsored by the FCHFA PDG: Tuesday, July 18, 3:45-5:15 pm Room 801B, From Farm to Food: A New Perspective on Heavy Metals in Human Diets Tuesday, July 18, 1:30-3:00 pm Room 701B, Food Allergens in Food Service-Detection, Control, and Management Tuesday, July 18, 3:45-5:15 pm Hall G, Assessment of Potential Allergenicity of Foods from Novel and Alternative Sources of Protein Tuesday, July 18, 3:45- 5:15 pm Room 801A, To Eat or Not to Eat: The Utility and Challenges of Using Risk-Benefit Assessment for Decision Making in Food Safety and Nutrition Wednesday, July 19, 1:30-3:30 Room 701B, Beyond Aflatoxin: Mitigating Mycotoxin Risks in Animal Food, Feed, and Pet Foods, Wednesday, July 19, 10:45-12:15 Room 701B, Potentially Carcinogenic Compounds in Food and Water (Ethyl Carbamate, Acrylamide, and Chlorine Byproducts)

Lili He (not present due to a canceled flight) was introduced as the incoming Chair and Sally asked for nominations for the 2024 Vice-Chair position.

Presenters included: Joseph Zagorski (Michigan State University) - PFAS and the Challenges of Interpreting the Epidemiological Data and Anthony Flood (International Food Information Council) - Public Perceptions of Food Ingredients.

New Business: Ideas for symposia and roundtables were discussed and the following potential topics to be further developed into 2024 proposals include the following:

Toxicology Hot Topics: Paul Hanlon, Kevin Boyd, Heavy Metal: Paul Hanlon, Felicia Wu, and Neal, Mycotoxins: Ron Sarvor, Kizito Nishimeve, Anthony and Felicia Wu, Amino Acids: Steve Gendel and Julie Simcox, Prop 65/PFAS: Tony Flood, Paul Hanlon, Conrad Choinere, Quanhong Li, Manki, Sweeteners/Hazard vs. Risk: Paul Hanlon, Manki Ho, Felicia Wu, Aquaponics: Michael Ciaramella, FAO Regulations on PAL: Joe Baumert, Amy Wise, Allergen Management: Amy Wise, Rick Stokes, Veronica Garcia-Bayo, Joe Baumert, Nic Sharman, Novel Allergens: Steve Taylor.

Recommendations to the Executive Board:

1. The FCHFA PDG had great participation at the 10 AM session. All the chairs were filled and we had another 20+ standing in the back of the room. Next year, we are requesting a larger room with more seating.

Next Meeting Date: July 14, 2024, Long Beach, California.

Meeting Adjourned: 12:00 p.m. Eastern Time.

Chairperson: Sally Klinect.

Food Defense PDG

Attendees: Shahram Ajamian, April Bishop, Bob Brackett, Tracey David, Craig Edwards, Ellen Evans, Emily Feldpausch, Liane Ford, Elise Forward, Megan Francies, Tia Glave, Abdul Aziz Al Hajeri, Maria Hansell, Sanaz Hemati, Nasrin Honardar, Basel Al Jaber, Richard Jacobs, Ahmed Al Kaabi, Fumiko Kasuga, William Lachowsky, Karen Leacock, Lorilyn Ledenbach, Zhiwei Li, Taylor Maloney, Yvonne Masters, Ryan Maus, Ann Marie McNamara, Mike McQuarie, Abigail Aba Mensah, Nadia Narine, Raghu Ramaswamy, Luz De-Regil, Amy Rhodes, Donna Schaffner, Mandel Smith, Ana Souza, Pauline Spagnoli, Jill Stuber, Tom Tansey, Lori Tansey, Susan Teegardin, Sheetal Thomas, Theresa Upshall, Lauren Waldman, Sharon White, Bridget Xie, Katie Zammit.

Board/Staff Present: Manpreet Singh.

Number of Attendees: 48.

Meeting Called to Order: Sunday, 10:00 a.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: Kristin M. Schill.

Old Business: Lori Ledenbach initiated a motion to approve the 2022 meeting minutes and Shahram Ajamian seconded the motion and the minutes were approved. Two sessions sponsored by the Food Defense PDG were accepted: one symposium S62 – U.S. Army Funded Research in Food Safety that will be presented on Wednesday, July 19 at 10:45 am – 12:15 pm Room 801A and RT13: Practical Approaches to Compliance with the Intentional Adulteration Rule, Benchmarks and Challenges.

New Business: Agenda for the July 2023 Meeting was approved (motion to approve by Lori Tansey and seconded by Tom Tansey). Manpreet Singh provided

the updates from the Executive Board including that there is a new DEI video available for all IAFFP Members to view, Webinars during the month of June were downloaded for 9,000 times, asked for a call for IAFFP volunteers and suggested becoming a mentor/mentee program. The PDG Chair called for nominations of a new Vice-Chair, but no nominations were forthcoming. Abdullahi Idris Muhammad provided the student PDG Update. Colin Barthel provided an FDA update on the IA Rule and discussed the facilities that are and are not exempt from the IA Rule, the two-tiered inspection process which includes a Food Defense Plan Quick Check and a more in depth inspection that would include a team of FDA ORA inspectors specially trained for Food Defense. Next, Abdullahi Idris Muhammad presented on Food Defense concerns and strategies in Nigeria. Kristin Schill, the Vice-Chair then lead the brainstorming discussion on symposium/roundtable/webinar ideas for IAFFP 2024 meeting.

Recommendations to the Executive Board: None.

Next Meeting Date: Sunday, July 14, 2024, Long Beach, California.

Meeting Adjourned: 12:00 p.m. Eastern Time.

Chairperson: Neal Fredrickson.

Food Fraud PDG

No Minutes Submitted

Food Hygiene and Sanitation PDG

Attendees: Jennifer Amon, Hany Anany, Arzu Irem Aydogdu, Akbar Bahrami, Jakob Baker, Dory Worcman Barninka, Al Baroudi, Adwy van den Berg, Ledon Black, Sabrina Blandon, Zeb Blanton, Neil Bogart, Meikel Brewster, David Buckley, Kari Bunting, Jack Burnett, Simon Burns, Erdogan Ceylan, Neil Checketts, Shihyu (Andrew) Chuang, Paola Corea, Vanessa Cranford, Sebastian Cranford, Elizabeth Demmings, Brenna DeRocili, Sharon Dobesh, Melanie Downs, Minh Duong, Morgane Elisma, Daniel Fajardo, Jack Garretty, Charles Giambone, David Goldman, Juan Goncalves, Ellen Gravi, Fabiana Guglielmone, Yuan Guo, Matthew Hahs, Laurie Hale, Gregory Harter, Joe Heinzelmann, Sanaz Hemati, Connor Horn, Timothy Jackson, Sanghyup Jeong, Xiuping Jiang, Chris Jordan, Ryan Karns, Rohail Khan, Amit Kheradia, Scott King, Ian Klug, Lori Kora, Kavitha Koti, Elisabetta Lambertini, Hoi Mei Lau, Wan Mei Leong, Vickie Lewandowski, Joanne Lim, Moises Cardona Loera, Pedro Arriaga Lorenzo, Chip Manuel, Ryan Maus, Rachel McEgan, Lynne McLandsborough, Ann Marie McNamara, Kara Mikkelson, Nathan Mirdamadi, Eric Moorman, Matt Morrow, Nadia Narine, Claudia Narvaez, Kasey Nelson, Rocio Nunez, Stacy Ostromecki, Aaron Patch, Riddhi Patel, Daniela Pereira, Eric Perez, Rajko Platisa, Mariana Correa Pontes, Michael Randolph, Bill Remmers, Lisa Robinson, Evan Rosen, Angelica Sanchez, Sarah

Sanderson, Amaryllis Rivera-Santiago, Ron Sarver, Katie Satterthwaite, Linda Saucier, Mari Schroeder, Ofer Shoham, Rob Shumaker, Debra Smith, Ana Souza, Shawn Stevens, Kelly Stevens, Steven Stiefel, Rick Stokes, Leslie Thompson-Strehlow, Mark Susaneck, Dimitri Tavernarakis, Geraldine Tembo, LaTaunya Tillman, Michelle Tran, Theresa Upshall, Jaime Vaca, Claudia Pegueros Valencia, Amy Wise, Patrick Wouters, Vahak Yeghoyan, Chee Zheng, Bin Zhong.

Number of Attendees: 113.

Meeting Called to Order: Sunday, 1:00 p.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: Eric Moorman.

Old Business: Acceptance of prior meeting minutes.

New Business: Vote/Accept new leadership positions (Al Baroudi, 1st), (Chris Jordon 2nd), discussed potential changes to monthly frequency of meetings to align with PDG needs, the purpose, and desired goals of involvement in PDG.

In addition, the following presentations of interest were held, Amit Kherardia (Remco) – *FDA Form 483s: What do they tell us about the state of food hygiene and sanitation in food facilities?*; Laurie Hale (Diversey) – *Why pesticide regulator registration (e.g., US-EPA, Canadian, etc.) is important, what goes into making a registration, different methods used for efficacy challenges*; Jakob Baker (Cornell) – *Characterization of the temperature gradient generated during superheated steam treatment on stainless steel surfaces and its effect on Enterococcus faecium inactivation*.

Also started idea generation to support next year's Annual Meeting.

Recommendations to the Executive Board:

None, Thanks for the change in time.

Next Meeting Date: Sunday, July 14, 2024, Long Beach, California.

Meeting Adjourned: 1:45 p.m. Eastern Time.

Chairperson: Nathan Mirdamadi.

Food Law PDG

Attendees: NA.

Meeting Called to Order: Sunday, 3:16 p.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: Jyoti Aryal.

Old Business: The meeting commenced with a call to order, and a welcome was extended to all attendees. Each participant introduced themselves, sharing their areas of interest in relation to food. The previous meeting's agenda from 2022 was presented, and a formal motion was made to approve it. The agenda was approved without any modifications. The Antitrust Guidelines were read aloud and subsequently

discussed. The minutes from the previous meeting, held on July 31, 2022, were reviewed and approved.

New Business: An update from the IAFP Board liaison was provided by the chairperson of Food Laws PDG. For the updates, real-time updates to the IAFP app were emphasized, a video on diversity, equity, and inclusion was mentioned, and attendees were encouraged to watch it, the free webinar initiated by IAFP was discussed, attendees were informed about the need for mentors in IAFP for IAFP mentor match program, and those interested in volunteering for committee work were instructed to update their settings in *IAFP Connect*, providing information on volunteer activities and professional details.

Updates on IAFP SPDG were provided which included encouragement to join the attendees as invited scientists for “Meet Your Fav Scientist” program, invitation to volunteer as judges for the 3MT competition, and request to attendees to submit proposals and to consider the Student PDG as a session co-sponsor.

Ideas for the 2024 IAFP Annual Meeting Symposia, Roundtables, and Workshops were discussed. The ideas suggested and discussed included: understanding food allergen labeling and compliance with cGMP, international differences in food labeling requirements, novel food ingredients and their impact on labeling and compliance, regulatory responsibilities of different global bodies and their implications for education and industry, identifying deficiencies in students’ knowledge of laws and regulations potentially through surveys, assessing residual risks in food safety and the need for continued risk management, and data sharing platforms for food safety with a focus on anonymity. The suggestion of conducting a webinar series was put forward, and it was unanimously accepted by all attendees. The proposed webinar series would focus on various topics, starting with “Back to the Basics” and continuing with subjects such as jurisdiction, international challenges in labeling, allergen control, transportation safety laws, and traceability.

Recommendations to the Executive Board:

1. The mission statement of the Food Laws PDG was revisited, and a recommendation was made to the Board to add the term “risk” before “scientific issue.”

Next Meeting Date: July 14, 2024, Long Beach, California.

Meeting Adjourned: 5:15 p.m. Eastern Time, Sunday, July 16, 2023.

Chairperson: Melanie Neumann.

Food Packaging PDG

Attendees: Tony, Jin (Chair), Akbar Bahrami, Brita Ball, Mariella Bustamante, Linyun Chen, Chia-Yang Chen, Guillaume Blanchet-Chouinard, Vanessa

Cranford, Sebastian Cranford, Aakankshya Dhakal, Erin Ducko, Aaron Dudley, Sanjit Fernandes, Tony Flood, Baback Gharizadeh, Rebecca Hardeman, Amanda Martin Jones, Loyal Karam, Karen Leacock, Naeem Mady, Todd Masche, Anne-Marie Masella, Rocio Nunez, Neal Saab, Elisa Guardado Servellon, Tracie Sheehan, Katherine Sierra, Sarah Smith-Simpson, Jacqueline Southee, Andrew Stephens, Helen Taylor, Evelyn Watts, Yidan Zhang.

Board/Staff Present: Timothy Jackson

Number of Attendees: 33.

Meeting Called to Order: Sunday, 3:15 p.m., July 26, 2023.

Minutes Recording Secretary: Aakankshya Dhakal.

The meeting of the Food Packaging PDG was called to order, and all attendees were welcomed by PDG Chair, Tony Jin.

Vice-Chair Tania Martinez was not able to attend the meeting due to personal reasons.

Old Business: Minutes from the last meeting held on June 30, 2022 are available at <https://www.foodprotection.org/get-involved/professional-development-groups/food-packaging>. No members objected to the acceptance of the meeting minutes.

An IAFP Board Liaison provided an IAFP update. Attendees were encouraged to download and update the IAFP Meeting app, report any technical issues to IAFP, and engage with the inclusion and diversity team. Timothy also highlighted the availability of testimony in the app and the success of a webinar during Food Safety Month. He mentioned the profile section in the app’s career opportunity box and encouraged members to update their profiles. Other announcements included the *Journal of Food Protection (JFP)* being made open access.

Student PDG update was provided by Aakankshya Dhakal.

Chair Tony Jin highlighted the importance of *IAFP Connect*, the online community for the Food Packaging PDG. It was emphasized that *IAFP Connect* serves as the sole means of communication among PDG members. Attendees were provided information about *IAFP Connect*, including instructions on how to log in and access the community. It was noted that this information would be shared again in the meeting minutes for reference.

A special guest presentation was delivered by Andrew Stephens, Senior Policy Advisor at the USDA. The presentation focused on “Emerging Trends in Single Use Plastics and Sustainable Packaging Regulations.” Several key points were discussed, including the importance of reusable packaging, concerns about landfill waste in the USA, sorting plastic by brand to draw attention to its impact, the carbon footprint of single-use plastics, and the influence of beach surveys in raising awareness. The

concept of a circular economy and the need to reduce, reuse, and recycle were emphasized. Recycling rates, particularly for PET water bottles, were highlighted. The APR design guide and emerging regulations from the European packaging and packaging waste regulation (PPWR) were also mentioned. The challenges and considerations of transitioning to compostable biopolymer packaging were addressed.

New Business: The Packaging PDG Symposia/ Roundtables for the 2022 IAFP Meeting were discussed. Four proposals were submitted, and one proposal titled “Food Safety and Packaging Sustainability: Protecting Our People and Our Planet,” submitted by Nicole Tucker from the Food Packaging PDG, was accepted. Ideas for future symposia, roundtables, workshops, and abstracts were brainstormed, focusing on sustainability, active packaging, regulatory compliance, and food packaging materials regulations worldwide. The deadline for submitting symposium, roundtable, and workshop proposals for the IAFP Meeting was addressed. Tony also encouraged members to submit proposals for webinars. FP PDG chairs will be rotated next year. In October, an email will be sent out to initiate the nomination process for the incoming Vice-Chair position.

Recommendations to the Executive Board: None.

Next Meeting Date: July 14, 2024, Long Beach, California.

Meeting Adjourned: 4:55 pm Eastern Time, July 16, 2023.

Chairperson: Tony Jin.

Food Safety Assessment, Inspection, and Audit PDG

Attendees: Monica Galleguillos Ackerknecht, Anthony Adeuya, Shahram Ajamian, Angela Anandappa, Amira Ayad, Sujitha Bhumanapalli, Makena Brand, Jessica Burke, Diego Casas, Jeff Chilton, Paola Corea, Betsy Craig, Tracey David, Nathan Decker, Carlos Gonzalez Ducker, Erin Ducko, Denise DuFresne, Maude Michaud Dumont, Minh Duong, Mark Flanagan, Rocelle Grabarek, Suzy Hammons, Gordon Hayburn, Dave Hill, Brittany Holmes, Nasrin Honardar, Taryn Horr, Richard Huang, Sharon Humphries, William Huntley, Nicole Keresztes James, Loyal Karam, Karin Kasper, Jas Kauldhar, Mike Knowlson, Kathy Knutson, Mark Kreul, Brenda Kroft, Kajam Kunarajasingam, Jason Lafontaine, Jinxin Liu, Tatiana Lorca, Adeel Manzoor, Todd Masche, Mike McQuarie, Dhvani Mistry, Lisa Moody, Donna Moore, Rocio Nunez, Andrew Pantano, Pranita Patil, Samuel Peabody, Marcos Sanchez Plata, Aaron Pleitner, Aishwarya Rao, Brooke Roman, Alyssa Rosenbaum, Katie Satterthwaite, Nic Sharman, Adrienne Shearer, Tracie Sheehan, Karthika Sheeja, Yang Shen, Julie Simcox, malavika Sinha, Jacqueline Southee, Elizabeth

Stone, Helen Taylor, Angela Valadez, Lauren Waldman, Kasey Ward, Sarah Kozak-Weaver, Ian Young, Bin Zhong.

Number of Attendees: 73.

Meeting Called to Order: Sunday, 1:00 p.m., July 16, 2023.

Minutes Recording Secretary: Alyssa Rosenbaum, Student Liaison.

Old Business: Meeting minutes from the previous meeting approved. Two IAFP 2023 symposia that were sponsored by this PDG and approved were shared.

New Business: Agenda was approved with no changes. Antitrust Statement was reviewed. Mission statement was reviewed with no changes. Leadership Transitions were shared with Jennifer Lott moving from Vice-Chair to Chair and Betsy Craig starting as Vice-Chair. IAFP Executive Board communications were shared. Highlighted the IAAP Audit Apprenticeship Program and new OECD Report on remote auditing.

Alyssa Rosenbaum, student liaison, shared opportunities to be involved with students including meet your favorite scientist, 3MT competition judge, and Proposals. Jessica Burke; BRCGS; presented on Food Safety Issue 9 key changes.

Jacqueline Southee presented on FSSC 22000; Version 6 Updates. The SQF update will be postponed to the next meeting. Betsy Craig with Menu-Trinfo presented the Certified Free from Allergen certification program that includes ingredient review, testing, and auditing. Symposium and Roundtable ideas included Risk Based Targeted Supplier Audits with the following volunteers Taryn Horr, Erin Ducko, Rocelle Grabek, Remote Audit Assessments & Technology with Richard Huang and Amira Ayad, Combining sustainability audits with food safety audits and dilution with Jeff Chilton, Calibration of Auditors with Lisa Moody, Regulatory Inspections, Due Diligence Inspections for Acquisitions with Taryn Horr, Erin Ducko, and Jeff Chilton, Regulatory Inspectors and Preventing Burnout for Field Inspectors. One webinar idea was Developing/training auditors regarding ingredients vs. packaging.

Recommendations to the Executive Board:

1. Betsy Craig is recommended for approval as Vice-Chair. Jennifer Lott is recommended to progress from Vice-Chair to Chair effective at the close of the meeting.

Next Meeting Date: July 14, 2024, Long Beach, California.

Meeting Adjourned: 2:30 p.m.

Chairperson: Tracie Sheehan.

Food Safety Culture PDG

Members Present: Karla Acosta, Christina Allingham, Angela Anandappa, Samir Assar, Brita Ball, Dr. Al Baroudi, Mark Beaumont, Jared Bock, John Boyce, Renee Boyer, Chris Boyles, Jeff Chilton, Andrew Clarke, Vanessa Coffman, Kim Cook, Alison Cousins, Dale Dexter, Kelli Dionne, Minh Duong, Ellen Evans, Melanie Firestone, Makenzie Flach, Tom Ford, Liane Ford, Elise Forward, Megan Francies, Donna Garren, Ariel Garsow, Binita Goshali, Stephen Grove, Sam Hadden, Roger Hancock, Maria Hansell, Eelco Heintz, Manki Ho, Brian Izdepski, Liesbeth Jacxsens, Lone Jespersen, Divya Joseph, Ahmed Al Kaabi, Andrew Karasick, Carl Katz, Amanda Kinchla, Stacey Klinzing, Amalia Ghaisani Komarudin, Bobby Krishna, Vijay Krishna, Maureen Kuboka, Kajam Kunarajasingam, Cornelie Aalders-Lankhorst, Quynh-Nhi Le, Girvin Liggans, Marisa Lown, Ryk Lues, Anne-Marie Masella, Anibal Concha-Meyer, Ben Miller, Sharon Nieves-Miranda, Sara Mortimore, Caroline Motzer, Arenis Piñón Muñiz, Laura Dunn Nelson, Ashley Nelson, Rocio Nunez, George-John Nychas, Rocio Ortega, Pranita Patil, Catalina Pelaez, Brian Perry, Rodrigo Portillo, Simone Potkamp, Carolina Prates, Robert Salter, Dina Scott, Natalie Seymour, Niraj Shrestha, Ellen Shumaker, malavika Sinha, Kris De Smet, Ana Souza, Pauline Spagnoli, Jill Stuber, Iryna Syb, Kentaro Takenaka, Chrysoula Tassou, Camilo Toro, Kelsey Trimble, Brian Turner, Carol Wallace, Austin Welch, Sally Wickramaratne, Jacqueline Wilhelmsen, Andrew Wilson, Sophie Tongyu Wu, Lily Yang, Pam Young, Laís Zanin, Bin Zhong.

Number of Attendees: 97.

Meeting Called to Order: Sunday, 1:00 p.m, July 16, 2023, Metro Toronto Convention Center.

Minutes Recording Secretary: Divya Joseph, Student Liaison.

Old Business: The food safety culture PDG activities for 2022-2023 were briefly discussed including highlights of accepted symposia for the conference and an overview of webinar series.

New Business: Talk by Lily Yang: Integrating DEI & Accessibility for Food Safety Culture, TAG, The Acheson Group. Lily Yang provided a talk on integrating DEI and accessibility for food safety culture. She started by putting forward questions like how we got there and where we are. The risk factors involved in our development were related to turnover, resources, commitment issues and buy-in, incorporation, cost-saving and bean-counting, optimism bias, and production focus where the tools for measurement are a continuum, maturity models, and assessment tools. Basic definitions of culture, diversity, equity and inclusion, and accessibility provided a strong base for further discussions. The major takeaways she proposed were based on understanding cultural contents and evolve, addressing biases, and having empathy.

Alison: PAS 320 Update by BSI. Neil gave an update on the progress of the PAS 320 guidance document for developing and sustaining a mature food safety culture. PAS 320 was published for free download on April 30, 2023, and it is the highest downloaded standard in May 2023. PAS 320 is considered as the reference guide by GFSI benchmarked standards owners and received highly positive industry feedback. Some sections discussed include sections 4, 5, 7, 8, 9, and 11 on understanding the fundamentals of food safety culture and the context of the organization, establishing the governance for a food safety culture, designing a strategic change plan to achieve the desired food culture, preparing the key functions towards a food safety culture, embedding the change plan of the organization's food safety culture into the existing FSMS and sustaining the continual improvement of the organization's food safety culture respectively.

Dr. Carol Wallace: Salus – The Food Safety Culture Science Group

She started with the mission of the Salus group and elaborated on various activities done from 2009-2022. Different research publications with their aim, methodologies, and conclusions were discussed, which included 1) The evolvement of food safety culture assessment: a mixed-methods systematic review, 2) Towards the food safety culture improvement roadmap: diagnosis and gap analysis through a conceptual framework as the first steps and 3) A roadmap for developing educational actions using food safety culture assessment – a case of institutional food service. She ended her speech by looking into future research literature being build at various institutions in food culture.

Breakout sessions

There were breakout sessions consisting of 5 different groups that discussed critical Food Safety Culture questions.

Group 1: Discussed various aspects to bring out different soft skills in corporate, academic, or government organizations by considering the differences that are not visible outside. For example, differences in languages can be reduced by using graphical representations like pictograms. Also, people sitting in top positions should maintain frequent conversations with all employees by taking care of the humane side of personal interactions rather than a serious tough conversation concentrated on the job. Distributing the job among fellow employees is important instead of taking the load by one person itself.

Group 2: Talked about making informal leaders apart from the formal leaders who might not have the soft skills to handle the people on floors due to lack of experience. Asking people to attend different pieces of training, not only the leaders but also the people from floors helps in maintaining a connection of cultures.

Group 3: They talked about being a good influencer. He/she should be someone with humility, courage, and authority, should be knowledgeable about the subject matter, and able to bring positive reinforcement, values, and principles. They also should have passion, and opinion seeking from all people working in the organization about a particular enforcement.

Group 4: Their tips started on assuring onboarding programs with a hearty welcome to newcomers. They also discussed frontline engagement and empowerment, including risk, awareness, and horizon scanning, the importance of a strong food safety management system and training, education, etc. They also discussed how the turnover of staff can have a huge impact on food safety culture and competing for priorities like food safety and workplace safety. Also, hazard and risk awareness are essential to differentiate food safety culture from organizational culture.

Group 5: Their question was “How do you assess your food safety culture in the plant in relation to the culture that they have in their beliefs?” “How you know there may be different plants and they all may have a different set of beliefs and different culture. So the road-map might be hazy from a regulatory standpoint. It’s basically an alignment of core assumptions from people working at the floor level and upper management understanding the cultural differences within the team.

Tips to consider from group discussion:

1. Use of graphical representations to communicate
2. Personal interactions from top-level leaders towards the staff
3. Distribution of heavy workload among the employers
4. Development of informal leaders
5. Frequent training should be given to all levels of employees
6. Building good influencers with positive traits
7. Welcoming onboarding programs
8. Strong food safety management systems
9. Considering workplace safety and hazard analysis
10. Core alignment of different food safety cultures within various groups

The meeting was wrapped up by Laura Nelson welcoming the new Chair Melody Ge and Vice-Chair Tia Glave along with the announcement for the monthly food safety webinar series.

Board Recommendations: Recommend the approval of Tia Glave to Vice-Chair of the PDG.

Next Meeting Date: July 14, Long Beach, California.

Meeting Adjourned: 3:00 p.m.

Chairperson: Laura Nelson.

Food Safety Education PDG

Attendees: Shauna Henley (Chair), Ellen Shumaker (Vice-Chair), Karla Acosta, Christina Allingham, Rodger Anthonijsz, Nicole Arnold, Aadeya Arora, Brita Ball, Laura Pineda-Bermudez, Catalina Cespedes, Hema Sai Samhitha Chalamaasetti, Vanessa Coffman, Shannon Coleman, Mary Morris-Donalson, Melanie Firestone, Mark Flanagan, Vinayak Ghate, Sam Hadden, Heather Harter, Basel Al Jaberi, Ahmed Al Kaabi, Chyer Kim, Amanda Kinchla, Richard Kralj, Kajam Kunarajasingam, Aaron Lavallee, Pei Liu, Anuj Mehta, Naomi Melville, Anibal Concha-Meyer, Sara Mortimore, Arenis Piñón Muñiz, Alexis Omar, Rocio Ortega, Stacy Ostromecki, Keorimy Ouk, Arcchana Patil, Carolina Prates, Jennifer Quinlan, Allissa Riley, Lisa Robinson, Carla Schwan, Natalie Seymour, Mariana Villarreal Silva, Dharamdeo Singh, Rick Stokes, Camilo Toro, Carol Wallace, Evelyn Watts, Austin Welch, Katie Weston, Wenqing (Wennie) Xu, Lily Yang, Mary Yavelak, Galante Yu, Laís Zanin.

Board/Staff Present: Timothy Jackson, Mark Carter.

Number of Attendees: 57.

Meeting Called to Order: Sunday, 8:30 a.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: Christina Allingham.

Old Business: Shauna Henley motioned to approve the 2022 PDG meeting minutes. Dr. Quinlan motioned and Dr. Ellen Shumaker seconded the motion. There were no objections.

New Business: PDG leadership Dr. Shauna Henley (Chair) and Dr. Ellen Shumaker (Vice-Chair) and Christina Allingham (Student Liaison) introduced themselves to the PDG members in attendance. No additions to the agenda were made by the group.

Dr. Tim Jackson, a Board Liaison, presented the Board announcements. Dr. Jackson welcomed PDG members to Toronto, and notified members to download the Annual Meeting application and sync as needed. Dr. Jackson notified PDG members that the DEI Council added a video to the application, and encouraged members to view. Dr. Jackson recapped that the Board offered free webinars for food safety awareness month, which received over 9,000 views. Dr. Jackson shared that PDG members are encouraged to join an IAFP committee. Dr. Jackson introduced a feature on *IAFP Connect* where members can receive notifications when new *FPT* and *JFP* issues come out, and reminded folks to add themselves as a mentor or mentee on *IAFP Connect*.

The PDG Chair then highlighted the four total symposia and roundtables that were primary session sponsors by the PDG for IAFP 2023. The topics and times were announced to encourage attendance at IAFP 2023. The chair announced the special considerations for accepted symposia or roundtables for the upcoming IAFP meeting.

Dr. Henley then introduced an ideation breakout session that was originally introduced during IAFP 2022. Dr. Henley introduced the upcoming general focus white paper submission entitled Food Safety Education from Farm-to-Fork: Now and into the Future. The goal of the breakout sessions were to add/discuss the content outline from last year based on the manufacturing, retail, consumer, and farm backgrounds of the PDG members.

Vanessa Coffman from STOP Foodborne Illness shared background on STOP, including the milestones in inspection systems and FSMA law implementation. Currently, STOP is advocating initiatives such as the *Cronobacter* outbreaks, *Salmonella* as an adulterant in stuffed raw chicken products, FDA reorganization, and recall modernization. STOP shared new initiatives for developing programs on food safety culture.

Katie Weston from the Partnership for Food Safety Education (PFSE) shared their organization's future projects, including a webinar entitled "Food Safety Education for Everyone: Building Inclusive Messaging," coming in August. Weston also shared PFSE's branding survey that assesses the graphics and audiences used in PFSE, so that they can be more effective in consumer education. Weston encouraged members to participate in the survey.

Dr. Henley shared information about the upcoming Netflix documentary on Poisoned, with the mechanisms of a workgroup to provide communications based on the documentary. Group communications would be shared via *IAFP Connect*. A panel on pop-culture as a tool for food safety followed. Natalie Seymour then presented on pop culture as a tool for food safety education. Seymour then explained to PDG members why pop culture is used in food safety (like making content more relatable to consumers). Mary Yavelak then presented on social media messaging and consideration to promote food safety education "Safe Plates," Ms. Yavelak introduced general messaging development, such as risk communication, cues to action, and audience awareness, and Dr. Henley shared resources on copyright and fair use.

Recommendations to the Executive Board:

1. Dr. Ellen Shumaker recommended as the Vice-Chair of the Food Safety Education PDG.
2. Since IAFP and IFT take place at the same time, members request that the board avoids conflicts for other major associations' meetings in the future.
3. Members would like the association to support students traveling to IAFP when they have to acquire a VISA.
4. A member suggested that the Education PDG have a stronger focus on university students in Food Science and developing their education skills.

5. A PDG member asked that the Board consider scheduling sponsored symposia/ roundtables at different times from each other. This year, 2 PDG-sponsored symposia are at the same time.

Next Meeting Date: Long Beach, CA, USA, July 14, 2024.

Meeting Adjourned: 10:31 AM EST on July 16, 2023.

Chairperson: Dr. Shauna C. Henley.

Fruit & Vegetable Safety & Quality PDG

Attendees: Kristin Esch (Chair), Enrique Garcia (Vice-Chair), Laura Ajata, Grace Akumu, Adriana Alfaro, Basim Alohali, Samir Assar, Adam Baker, Akshaya Balaji, Clifton Baldwin, Ronny Barrera, Rebecca Bell, Laura Pineda-Bermudez, Betsy Bihn, Samantha Bolten, Maria Brandl, Alex Brandt, Robert Buchanan, Collins Bugingo, Laurel Burall, Kellie Burris, Isabella Casas, Diego Casas, Catalina Cespedes, Sergio Nieto-Chavez, Neil Checketts, Pavana Harathy Chennupati, Kinsey Clishe, Margaret (Peg) Coleman, Kim Cook, Faith Critzer, Sitara Cullinan, Carl Custer, Atin Datta, Megan Dixon, Cyril Nsom Ayuk Etaka, Jorge Pinto Ferreira, Connie Fisk, T.J. Fu, Zhujun (Abby) Gao, Alberto Garre, Andree George, Violeta Mendoza Gomez, Sanjay Gummalla, Joshua Gurtler, Alan Gutierrez, Wannes Hugo R. Van Hassel, Evan Henke, Shauna Henley, Haknyeong Hong, Melanie Ivey, Valerie Jackson, Tony Jin, Harsimran Kaur Kapoor, Ryan Karns, Pete Kennedy, Margaret Kirchner, Kathy Knutson, Greg Komar, Kavitha Koti, Kento Koyama, Dave Largey, Juan Ponce De Leon, Susan Leonard, Dan Li, Girvin Liggans, Susan Linn, Blanca Ruiz Llacsahuanga, Teressa Lopez, Mallika Mahida, Deon Mahoney, Eric Martin, Martin Martinez, Rafael Martinez, Ann Marie McNamara, Vyom Mehta, Yulie Meneses, Abigail Aba Mensah, Michael Michel, Amie Minor, Ahmed El-Moghazy, Sergio Nieto Montenegro, Scott Moosekian, Caroline Motzer, Sudarsan Mukhopadhyay, Pham Hong Hanh Nguyen, Xiangwu Nou, Kathleen O'Donnell, Rebecca Olsen, Cory Ortego, Jitu Patel, William Patrum, Amanda Philyaw Perez, Gabriella Pinto, Alda Pires, Ana Allende Prieto, Rawane Raad, Gustavo Reyes, Nadira Espinoza Rock, Robert Roe, Robert Salter, Deepti Salvi, Brooke Schwartz, Nikki Shariat, Manan Sharma, Cangliang Shen, Alexandre da Silva, Mariana Villarreal Silva, Jared Smith, Rigo Soler, Matthew Stasiewicz, Andrew Stephens, Don Stoeckel, Laura Strawn, Sriya Sunil, Iryna Syb, Martha Sanchez-Tamayo, Phillip Tocco, Zeynal Topalcengiz, Grace Tung, Mark Turner, Tamara Walsky, Terri Wasmoen, Xiaohong Wei, Eric Wilhelmsen, Jacqueline Wilhelmsen, Michael Wood, Kristin Woods, Zhenlei Xiao, Kang Zhou.

Total Number of Attendees: 127.

Meeting Called to Order: Sunday, 1:03 p.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: Markanna Moore.

Old Business: Meeting minutes from the virtual 2022 meeting were adopted. PDG members were reminded to utilize *IAFP Connect* to communicate with the PDG, exchange ideas, and sign up for other PDG participation. Welcomed new members and those that had not yet participated in a PDG meeting. Reviewed past committee meeting on September 21, 2022 and April 21, 2023 as well as the March 21, 2023 webinar featuring Daniel Karp and Teresa Bergholz.

New Business: Executive Board updates were delivered by Manan Sharman and included reminders to download meeting app and to get involved with the DEI council. In addition, he mentioned that in support of world food safety day all the IAFP webinars were open for the month of June and received around 9,000 views. Manan also reviewed the mentor/mentee program and encouraged PDG members to submit topics for webinars in lieu of symposia or roundtables.

Reminders were provided about the use of *IAFP Connect* for PDG communications and sharing of professional opportunities. Symposia/workshop/roundtable proposals are due to IAFP by Oct. 3, 2023. A review of the 10 FVSO-sponsored sessions for the 2023 meeting were shared. PDG members are advised to send any suggestions for webinars for 2023/2024 to Enrique or Kristin.

A facilitated break-out session was conducted during the PDG meeting. The topics were based on a poll that was sent out to members prior to the PDG meeting. The goal was to facilitate discussion between those with like minded ideas for purposes of identifying similar and trending areas of interest for symposia, roundtable and webinar submissions.

A reminder that Vice-Chair elections will be coming next year and that an email will be sent to solicit nominations.

Presentations were provided by several colleagues to cover updates on behalf of the following organizations. The presentation slides will be shared via *IAFP Connect*.

Markanna Moore – Student PDG.

Margaret Kirchner – FDA CORE – Produce-related outbreaks. Samir Assar – FDA Division of Produce Safety.

Trevor Suslow – UC Davis/CPS.

Recommendations to the Executive Board:

1. PDG Members support the continued implementation of the breakout portion of the meeting and therefore would like the Board to consider the room configuration for the PDG. Roundtables with areas to move around would be beneficial.

2. Consider organizing a local tour (with registration cap) to showcase a food facility, farm, or business that provides food safety services in each host city during the Annual Meeting.

Next Meeting Date: July 14, 2024, Long Beach, California.

Meeting Adjourned: 2:54 p.m. Eastern Time.

Chairperson: Kristin Esch.

HACCP Utilization and Food Safety Systems PDG

Members Present: Bala Kottapalli (Chair), Lone Jespersen (Vice-Chair), Jorge Acosta, Rodger Anthonijsz, Amira Ayad, Mark Beaumont, Neil Bogart, Collins Bugingo, Hema Sai Samhitha Chalamalsetti, Jeff Chilton, Catherine Chubb, Andrew Clarke, Paola Corea, Polly Courtney, Tracey David, Katheryn Parraga-Estrada, Daniel Fajardo, Makenzie Flach, Mark Flanagan, Elise Forward, Amelia Forward, Laura Garner, Kerri Gehring, Ellen Gravi, Luis Guzman, Sam Hadden, Matthew Hahs, Gordon Hayburn, Connor Horn, Brian Izdepski, Nicole Keresztes James, Lone Jespersen, Rohail Khan, Kathy Knutson, Bala Kottapalli, Kajam Kunarajasingam, William Lachowsky, Sam Lacoche, Jason Lafontaine, Cornelie Aalders- Lankhorst, Loralyn Ledenbach, Lauren Lee, Yue-Jia Lee, Vickie Lewandowski, Tatiana Lorca, Yuqian Lou, Mallika Mahida, Yvonne Masters, Lisa Moody, Ashley Nelson, Himadri Pal, Cat Quick, Sarah Sanderson, Donna Schaffner, Nic Sharman, Kris De Smet, Dara Smith, Rico Suhaim, Mark Susaneck, Geraldine Tembo, Angela Valadez, Carol Wallace, Benjamin Warren, Sarah Kozak-Weaver, Sophie Tongyu Wu, Chee Zheng.

Board/Staff Present: Tim Jackson.

Number of Attendees: 64.

Meeting Called to Order: Sunday, 3:15 p.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: Hema Sai Samhitha Chalamalsetti.

Introductions and Welcome by Bala Kottapalli:

Participants introduced themselves. Dr. Lone Jespersen was introduced as the new Vice-Chair. Student Liaison, Hema Chalamalsetti provided an update on the Student PDG 2023 updates.

Guest Speaker: Sara Mortimore (Topic: A "One Team" approach to Food Safety) Presented an introduction to Walmart and its HACCP framework. Bala Kottapalli discussed three case studies related to Rotisserie Cooking temperature checks, Deli Food Hot Holding evaluation, and the efficacy of the cooling process of Chilled Chicken. Audience questions were addressed.

New Chair Speaker: Lone Jespersen.

Focused on Enabling Food Safety Culture through Risk and HACCP. Discussed the impact of culture

on food safety and other operational risks, and the significance of building communities. Question and answer session followed.

New Proposal: Introducing HACCP PDG Student Award. The audience recommended connecting students with industry professionals for mentorship.

Meeting Announcements:

Participants were reminded to download and re-sync the meeting app for the latest agenda and to connect with fellow attendees. A video from the Diversity, Equity, and Inclusion Council, developed by Lester Schonberger, was shared via the meeting app.

The success of offering free webinars in June for Food Safety Month was highlighted, with over 9,000 views. Plans were made to make this an annual event in the future. Participants were encouraged to sign up for committees through the website and update their profiles.

Journal alerts for notifications of publications from *JFP* can be set up via the IAFP website. Participants were encouraged to sign up as mentors or mentees via *IAFP Connect*. It was advised to check with an IAFP staff member if important information from IAFP was not being received.

Roundtable and Workshop Proposals:

Group 1: Proposed a workshop focusing on food safety culture and education PDG, HACCP (specifically highlighting hazard analysis in the absence of control) training. Suggested partnering with education PDG, retail, and other sectors for short symposiums on inheriting HACCP. Proposed conducting hygienic zoning or mapping, and environmental review of facilities for extraneous risks.

Group 2: Discussed risks associated with ingredients and suggested reducing financial and consumer risks by sourcing from a singular supplier.

Group 3: Proposed incorporating HACCP concepts in industry training programs. Group 4: Proposed developing HACCP training for product developers.

Group 5: Raised concerns about the competency and validity of auditing systems. Discussed the development of AI-based HACCP plans and associated accuracy and risks.

Recommendations to the Board:

1. Appoint Dr. Lone Jespersen as the new Vice-Chair of the PDG.
2. Introduce HACCP Utilization and Food Safety Systems PDG Student Award for IAFP 2024.

Next Meeting Date: July 14, 2024, Long Beach, California.

Meeting Adjourned: 5:17 p.m.

Chairperson: Bala Kottapalli.

International Food Protection Issues PDG

Attendees: Marcel Zwietering (Chair), Constanza Vergara E. (Vice-Chair), Anthony Adeuya, Basim Alohal, DeAnn Benesh, Marie Breton, Antoine Cabon, Roger Cook, Aaron Dudley, Martin Duplessis, Jeff Farber, Jorge Pinto Ferreira, Elise Forward, Teresa Fox, Rick Goodman, Leon Gorris, Joshua Gurtler, Arie Havelaar, Sanaz Hemati, Leslie Hintz, Franciel Ikeji, Basel Al Jaber, Ian Jenson, Ahmad Al Kaabi, Youngwoon Kang, Chyer Kim, Kathy Knutson, Jeffrey Kornacki, Sanjay Kumar, Elisabetta Lambertini, Mariza Landgraf, Dave Largey, Quynh-Nhi Le, Alvin Lee, Jeffrey LeJeune, Vivian Ly, Deon Mahoney, Frederic Martinez, Colleen Mattingly, Joseph Meyer, Emefa Monu, Daniela Pereira, Carolina Prates, Birendra Rajapreyar, Jeffrey Read, Luz De-Regil, Allissa Riley, Katie Satterthwaite, Tracie Sheehan, Szu-Chuan Shen, Niraj Shrestha, Panos Skandamis, Marianna Solomotis, Eric Stevens, Irshad Sulaiman, Kentaro Takenaka, Helen Taylor, Collin Timm, Svetoslav Todorov, Zeynal Topalcengiz, Pranaya Udash, Isabel Walls, Pamela Wilger, Chung-Hsin Wu, Laís Zanin, Kang Zhou.

Board/Staff Present: Mark Carter.

Number of Attendees: 66.

Meeting Called to Order: Sunday, 8:35 a.m., July 16, 2023.

Minutes Recording Secretary: Constanza Vergara, Vice-Chairperson.

DeAnn Benesh, as past president, opened the meeting and welcomed Marcel Zwietering as incoming president, who showed the proposed agenda to the attendees. No comments to the agenda were made and the agenda was adopted.

The meeting started with a reminder of the mission statement for IFPI PDG, which is *“To provide a forum to discuss scientific issues of interest to the international food protection community”* and of the *“Anti-trust guidelines.”* Then each PDG attendee in the room introduced themselves, followed by the welcome words and update from the IAFP Executive Board by Mark Carter, IAFP vice president.

Aaron Dudley, student liaison, introduced the Student PDG 2022 – 2023 activities and mentioned specifically 1) to join as an invited scientist on the “Meet your favorite scientist” activity 2) to join as a competition judge for the 3-minutes thesis competition and 3) to include the student PDG as a session co-sponsor on the proposal submissions for 2024 IAFP Annual Meeting. For those interested in participating, connect with Ellen Mendez, Student PDG Chair, ellenandrea@ksu.edu The meeting also included presentations from 3 speakers; 1. DeAnn Benesh (Global Scientific Affairs, Neogen), “Regulatory System Summaries Update – Country Comparisons.” 2. Kang Zhou (Food Safety & Quality Unit, FAO) “Food & Agriculture Organization” “JEMRA/FAO Work Update” Marie Breton (Health Canada) “Health Canada’s *Listeria* Policy in RTE foods.”

Old Business: About the recommendation made to the Board last year of asked if there is an activity of IAFP at World Food Safety Day (June 7) since it is perfectly matching with our mission. The Board response was IAFP had recognized World Food Safety Day in past years through social media and mention in the *IAFP Report*. Efforts will be made to promote this event earlier and more widely.

During 2022 – 2023, 3 webinars were organized by this PDG, where one of them was on June 7 to commemorate World Food Safety Day, also the idea of have all the webinars open during one month in 2023 came from this PDG and was a very successful initiative.

New Business: Marcel Zwietering mentioned that proposals from this PDG are encouraged, and he and the Vice-Chair are available for help. Submission deadline is October 3, so he invited to not wait until the last minute and communicate and reach others through *IAFP Connect*.

Regarding the activities between the Annual Meetings for this PDG, it was proposed for moving the meetings every 3 months, to increase attendance. Given the success of the webinars, the PDG will continue organizing webinar sessions with the proposals that are not accepted by the program committee or other topics. Finally, Pamela Wilger talked about her experience of being Mentor and mentioned how fruitful is for both mentors and mentees. All members of the PDG are invited to join the mentor match program.

The *Food Protection Trends (FPT)* journal is now open, and everybody was invited to send articles, also it was informed that once the food regulatory system country profile is ready it will be submitted to the *FPT*.

Ideas for 2024 Program Submission

Arie Havelaar: WHO updates on the Global Burden of Foodborne disease, to present an update of results.

Elizabeth, proposed to also show the results of projects in Africa about foodborne diseases and other in the Philippines.

Eric Stevens: A session dedicated to Intersectoral sector communications and scientific publications information impact, how to communicate international organizations scientific advises?

Arie Havelaar: Session on infant foods, powdery formula, e.g., Low-moisture guidance by FDA, or more globally about breast milk contamination and environmental contamination, labelling issues, storage on breast milk, and come back to reportable diseases. More global perspectives. Leon Gorris: One session on thinking on how to assess and manage risk across the food safety chain, in all the dimensions.

Lisa: Session on Improving food safety in traditional markets, Symposia where we bring different perspec-

tives on behavioral changes, especially where regulatory oversight is not as prominent, so behavioral changes are important.

What happens with the revising policies, how the changes affect the outbreaks, testing in a global scale.

Other topic may be sustainability issues and climate change, how food safety is going to look in 10 or 20 years, ICMSF is also working on that, a new book.

Leon Gorris mentioned that several participants had problems in obtaining a visa even while they applied for visa 6 or 9 months in advance.

Recommendations to the Executive Board:

1. Recommend approval of Constanza Vergara Escobar as Vice-Chair of the International Food Protection Issues PDG.
2. Take initiative to speed-up visa applications for many international participants, either as IAFP or jointly with other scientific associations.
3. Ask the Executive Board to host a session where is possible to connect PDGs where broader links can be made, including the high-level views across the board.
4. Compliment the Executive Board for the initiatives of making the webinars available in June for free which gave access to less privileged people and for make *JFP* open access.

Next Meeting Date: July 14, 2024, Long Beach, California.

Meeting Adjourned: 10:32 a.m.

Chairperson: Marcel Zwietering.

Low-Water Activity Foods PDG

Attendees: Bradley Marks (Chair), Laure Pujol (Vice-Chair), Jennifer Acuff, Manita Adhikari, John Allan, Nathan Anderson, John Bassett, Marianne Bellot, Teresa Bergholz, Larry Beuchat, Patrick Bird, Preetha Biswas, Micah Black, Jared Bock, Montgomery Bohanan, Ariel Buehler, Greg Burnham, Julianny Rivera Calo, Austin Cary, Michaela Cash, Erdogan Ceylan, Yuhuan Chen, Shihyu (Andrew) Chuang, Catherine Chubb, Polly Courtney, Ashley Cunningham, Devin Daeschel, Sofia Santillana Farakos, Jeff Farber, Ben Graves, Luis Guzman, Matthew Hahs, Nicolette Hall, Lauren Hamilton, Ian Hildebrandt, Kristen Hunt, Keith Ito, Pete Kennedy, Arshpreet Kaur Khattrra, Jordan Kiefer, Ian Klug, Jeffrey Kornacki, Shige Koseki, Katherine Kotrola, Hoi Mei Lau, Xiyang Liu, Shaunti Luce, Michele Manuzon, Christopher McNamara, Alma Perez-Mendez, Gerardo Morantes, Amit Morey, Steven Murphy, Nanje Gowda Na, Kasey Nelson, Michael O'Rourke, Scott Osborne, Kavita Patil, Laurie Post, Shivaprasad Doddabematti Prakash, Cat Quick, Andreja Rajkovic, Kaylee Rumbaugh, Deepti Salvi, Buddhi Sapkota, Michele Sayles, Scott Sayles,

Ahna Schulte, Frank Segers, Tomasz Seliwiorstow, Chris Sharps, Anru Shen, Katherine Sierra, Manpreet Singh, Larry Steenson, Kyle Stoutenberg, Leslie Thompson-Strehlow, Rico Suhalm, Dushyanth Kumar Tammineni, Vianca Tashilguano, Abdullatif Tay, Deepa Thiagarajan, Aljosa Trmcic, Jennifer Turpin, Aaron Uesugi, Francisco Garces-Vega, Benjamin Warren, Julie Weller, Anett Winkler, Wenqing (Wennie) Xu, Shuopeng Yang, Kris Young, Chee Zheng.

Number of Attendees: 92.

Meeting Called to Order: Sunday, 1:00 p.m., July 16, 2023.

Minutes Recording Secretary: Laure Pujol.

Old Business: Minutes of the July 31, 2022 meeting were approved by unanimous consent. Sessions supported by the PDG this year were reviewed.

New Business: Kavita Shripati Patil, student liaison, presented Student PDG activity. Manpreet Singh did some IAFP announcements, and AntiTrust Guidelines were reviewed with the whole group. Presentation of our guest speaker Monty Bohanan; Associate Director, Sanitation, Leprino Foods talking about “*Dry Clean ONLY: Philosophy, Methodology, and Techniques.*” Two students from University of Arkansas presented their work: Arshpreet Kaur Khattra, Masters student in Food Science, presented “*Use of gaseous ozone to improve the microbial Safety of spices, seeds, and nuts*” and Manita Adhikari, Ph.D. student in Food Science, presented “*Characterization of low-moisture food persistent bacterial populations (LMF PBP) and impacts of nutrient type, moisture ratio and relative humidity.*” Symposia/Roundtable/Workshop ideas were discussed in the whole group meeting, based on input that was collected in advance of the meeting via an online survey (4 ideas initially). Other ideas came out from the audience and were integrated in the list of ideas. Then, 4 work groups were formed and engaged in further discussion on each topic. Broad topics include: (1) Outbreak prevention for LWAF, (2) Surrogate acceptability, (3) Methods for conducting low water activity studies, (4) “How to”... for low moisture system improvement (workshop).

Recommendations to the Executive Board: None.

Next Meeting Date: July 14, 2024, Long Beach, California.

Meeting Adjourned: 3:00 p.m.

Chairperson: Bradley Marks.

Meat and Poultry Safety and Quality PDG

Attendees: Melvin Carter (Chair), Achyut Adhikari, Basim Alohal, Hany Anany, John Van Arsdale, Cynthia Austin, S. Balamurugan, Grace Bannister, Ronny Barrera, Kingsley Bentum, Preetha Biswas, Rucha Boralkar, Mick (Joseph M.) Bosilevac, Alex Brandt, Simon Burns, Carmen Cantu, Maria Jessa Cardel, Katie Stolte-Carroll, Diego Casas, Emily Cason, John

Kevin Castro, Patrice Chablain, Tawanchai Chaiyont, Evan Chaney, Sneha Chhabra, Jeff Chilton, Judy Chow, Margaret (Peg) Coleman, Kim Cook, Roger Cook, Carl Custer, Michael Day, Dale Dexter, James Drescher, Vikrant Dutta, Constanza Vergara, Emilio Esteban, Andrea Etter, Connie Freese, Janejira Fuangpaiboon, Alberto Garre, Kerri Gehring, Binita Goshali, Ben Graves, Matt Guo, Sam Hadden, Abdul Aziz Al Hajeri, Suzy Hammons, Fabienne Hamon, Eelco Heintz, Evan Henke, Shauna Henley, Ian Hildebrandt, Richard Huang, John Jarosh, Ryan Karns, Erin Kealey, Pete Kennedy, Shige Koseki, Kento Koyama, Kunihiko Kubota, Heath LaFevers, Hoi Mei Lau, Aaron Lavalley, Pedro Arriaga Lorenzo, Terence Martin, Rafael Martinez, Anne-Marie Masella, Ryan Matsuda, John McBride, Katie Rose McCullough, Lorraine McIntyre, Minto Michael, Michael Michel, Kara Mikkelson, Jesse Miller, Eric Moorman, Amit Morey, Juan Morla, Nanje Gowda Na, Claudia Narvaez, Cecil Barnett-Neefs, Masaru Ochiai, Redd Ochoa, Kathleen O'Donnell, Cory Ortego, Andrew Pantano, Randall Phebus, Marcos Sanchez Plata, Rodrigo Portillo, Simone Potkamp, Joy Saha, Deborah Sattely, Linda Saucier, Brooke Schwartz, Paula Schwarz, Nikki Shariat, Ofer Shoham, Subash Shrestha, Niraj Shrestha, Amy Sicheloff, Jared Smith, Leslie Thompson-Strehlow, Dushyanth Kumar Tammineni, Harshavardhan Thippareddi, Kate Thomas, Brayan Montoya Torres, Rachael Trott, Socrates Trujillo, Mark Turner, Isabel Walls, Purity Wambui, Eric Wilhelmsen, Jodi Williams, Anett Winkler, Ivy Yan, Jingbin Zhang.

Number of Attendees: 115.

Meeting Called to Order: Sunday, 9:03 a.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: Vanessa Whitmore.

Old Business: Dr. Melvin Carter, PDG Chair, called the meeting to order at 9:03 am Eastern time. He began the meeting by presenting the 2021 Meat and Poultry Safety and Quality PDG meeting minutes from the June 8, 2021, meeting. There were no changes or amendments. Dr. John Jarosh motioned to approve the 2021 minutes as is, and Dr. Katie Rose McCollough seconded. The minutes were unanimously approved. Dr. Carter introduced the Vice-Chair nominee, Dr. Alexandra Calle, Assistant Professor of Microbiology at Texas Tech University in the School of Veterinary Medicine. There were no objections, and the PDG will make recommendations to the IAFP Board for approval. Dr. Carter shared the IAFP Executive Board announcements with the membership.

New Business: Dr. Carter introduced the first speaker, Ms. Vanessa Whitmore, a master's student at the University of Nebraska-Lincoln, who gave the updates from the Student PDG. She overviewed the three main events the Student PDG has put together: The Meet Your Favorite Food Scientist series of chats, the 3-Minute Thesis Competition, and Proposal Submissions for the IAFP Annual Meeting. If interested

in getting involved in any of these events, please contact Vanessa or the Student PDG leadership.

Dr. Carter introduced the second speaker, Dr. Katie Rose McCullough from the North American Meat Institute Foundation for Meat and Poultry Research and Education, to give an update on industry activity for meat and poultry safety improvement was given by Dr. Katie Rose McCullough. She began by giving an overview of the background, funding, advisory committees, and priorities of the Foundation for Meat and Poultry Research and Education. She shared that the update to the FSIS Cooking Guideline for Meat and Poultry Products Appendix A and B, posed some challenges to the industry and more solutions are needed for both small and large meat establishments. They currently have ongoing projects looking to address these challenges. Dr. McCullough pointed out that *Salmonella* illness occurrence has not been reduced since 1996, but USDA data shows that the industry has effectively reduced *Salmonella* contamination. She concluded that more work is needed to reduce illness. If interested in getting involved with the efforts of the Foundation, please email Dr. McCullough at kmccullough@meatinstitute.org.

Dr. Carter introduced the third speaker, Dr. Isabel Walls, from the FSIS Office of Public Health Science, to give an update on USDA FSIS Research priorities and data needs. Dr. Walls gave an overview of FSIS activities and then discussed the research priorities. There are 16 projects in partnership with USDA ARS, and more research activities being done at universities. The remaining data gaps include estimating lot size in poultry slaughter and processing plants, control of pathogen growth in small establishments through slaughter, dressing/carcass chilling, and controlling the growth of *C. perfringens* in the cooling of scalded offal and other products.

Further collaborations with ARS on the identification of methods for virulent *Salmonella*, refining *Salmonella* quantification in meat and poultry products, improving methods for sampling turkey carcasses, mitigation of *Salmonella* serotype bias in culture media, and use of MALDI mass spectrometry for classification of *Salmonella* species. Dr. Walls highlighted the Food Safety Fellowship for doctoral students. This is a remote, part-time, 1-year fellowship offered to current doctoral students. It is recommended that students apply after reviewing the FSIS priorities. If their existing project aligns with the needs of FSIS, they should submit an essay about how their efforts support FSIS priorities. This fellowship provides a stipend, an opportunity to visit the FSIS lab in Athens, Georgia, and financial support to attend IAFP. Applications are due August 18, 2023.

Dr. Carter introduced the fourth speaker, Dr. Emilio Esteban, the USDA-OSEC Undersecretary for Food

Safety, to provide updates on the USDA Agency Action on Food Safety Protection. Dr. Esteban began by reviewing his priorities: leading with science, innovation, and transparency. He then discusses the *Salmonella* framework. Dr. Esteban explained that challenges here are being addressed in three sections: pre-harvest, processing at the plant (post-harvest), and finished product. Dr. Esteban voiced support for recommendations of vaccinations to control pathogen levels during pre-harvest but pointed out that there are challenges. He believes we have reduced contamination of carcasses with *Salmonella*, but data regarding illnesses shows that more is needed. Dr. Esteban is confident there has been change, but we need better tools to substantiate those effects. He also pointed out that there may be room for government and extension outreach to collaborate on approaches at your small and very small establishments.

He further touched on how FSIS will approach *Salmonella* as an adulterant in breaded stuffed chicken products: Quantification, serotype, and virulence are especially important here and noted that the comment period is open on *Salmonella* as an adulterant in breaded stuffed chicken products until July 27. Another area discussed is labeling claims, specifically the Raised without Antibiotics and Product of U.S. labels. USDA is collaborating with ARS to study all products that plan to use the Raised without Antibiotics label. Dr. Esteban touched on several topics of interest sparking great dialogue and discussion.

Dr. Carter then facilitated a discussion on ideas for the 2023-2024 IAFP webinars and symposia. The deadline is October 3, 2023, to submit proposals. Please work with the PDG leadership prior to the deadline to ensure support for webinars and symposia.

Recommendations to the Executive Board:

1. The PDG recommends approval of Dr. Alexandra Calle as Vice-Chair of the Meat and Poultry PDG.

Next Meeting Date: July 14, 2024, Long Beach, California.

Meeting Adjourned: 11:42 a.m. Eastern Time.

Chairperson: Dr. Melvin Carter.

Microbial Modelling and Risk Analysis PDG

Members Present: Sofia Santillana Farakos (Chair), Abdullatif Tay (Vice-Chair), Hiroki Abe, Gary Aldis, Clifton Baldwin, John Bassett, Zachary Berglund, Ryan Blaustein, Melissa Bohn, Fred Breidt, Carmen Cantu, Emily Cason, Sneha Chhabra, Shihyu (Andrew) Chuang, Sara Bover Cid, Tyler Chandross-Cohen, Margaret (Peg) Coleman, Roger Cook, Kim Cook, Ashley Cunningham, Denise DuFresne, Maude Michaud Dumont, Alberto Garre, Binita Goshali, Jakob Gryniewski, Sanjay Gummalla, Matt Guo, Ruth Harper, Gregory Harter, Eelco Heintz, Ian Hildebrandt,

Haknyeong Hong, Keith Ito, Vijay Juneja, YeonJin Jung, Erin Kealey, Shannon Koerber, Shige Koseki, Kunihiro Kubota, Devin LaPolt, Susan Leonard, Shenmiao (Ivy) Li, Xiyang Liu, Nicolas Nguyen Van Long, Deon Mahoney, Bradley Marks, Christopher McNamara, Sharon Nieves-Miranda, Nanaje Gowda Na, Cecil Barnett-Neefs, Kasey Nelson, George-John Nychas, Himadri Pal, Gabriella Pinto, Alda Pires, Breanna Polen, Simone Potkamp, Shivaprasad Doddabematti Prakash, Gustavo Reyes, Kaylee Rumbaugh, Todd Ruthman, Deepti Salvi, Donald Schaffner, Frank Segers, Chris Sharps, Malavika Sinha, Panos Skandamis, Matthew Stasiewicz, Jaya Sundaram, Chrysoula Tassou, Francisco Garces-Vega, Ann Charles Vegdahl, Xiaohong Wei, Eric Wilhelmsen, Jacqueline Wilhelmsen, Zhenlei Xiao, Yoshimasa Yamakawa, Shigeaki Yamamoto, Kang Zhou.

Number of Attendees: 77.

Meeting Called to Order: Sunday, 3:15 p.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: Abdullatif Tay.

Old Business: No issues were brought up related to old business.

New Business: Welcome and Agenda: Dr. Santillana Farakos open the meeting with welcome message. Antitrust policy: Dr. Santillana Farakos read the policy that the PDG members must follow the Antitrust policy that restricts to discuss any trade secrets, price fixing, and all related items related to antitrust policy. Motion to adopt 2022 PDG Meeting minutes which is published on the IAFP website. Student PDG member Grace Akumu from Texas Tech University provided the Student PDG update. Dr. Sofia Santillana Farakos provided the Board updates. Encouraged submission of symposia, roundtable and workshop proposals by October 3, 2023.

Guest speaker presentation: Dr. Kang Zhou “Risk Assessment from an International Level.” Dr. Zhou gave an overview of the Joint FAO/WHO Expert Meeting on Microbiological Risk Assessment (JEMRA) secretariats that provide microbiological risk assessment and scientific advice to Codex Alimentarius to support the development of international guidelines and standards.

Student abstract awards presented and certificates to students distributed

Top 1: Zachary Berglund, Purdue University, Predictive Modeling of Wheat Flour Safety Recall Behaviors and Recall Awareness; P3-161 Wednesday, July 19th.

Top 2: Alexander Gmeiner, Technical University of Denmark, Predicting Disinfectant Resistance in *Listeria monocytogenes* Using Whole Genome Sequencing and Machine Learning; T8-03 Tuesday July 18th, 9-9:15AM

Symposia/roundtables accepted/rejected for 2023.

Summary presented and will be posted on *IAFP Connect* library of the community.

Webinars and other communication activities: Future webinars are encouraged.

Future symposia/roundtables/workshop proposals: Extensive discussion on proposals for 2024 were conducted by dividing the members into 4 groups by category: predictive modeling, risk assessment, risk management and risk communication. The groups discussed future topics for 1 hour and the facilitator for each of the groups presented the summary of the discussion and potential ideas. These are captured in the addendum.

Any other businesses/dissemination activities:

Members discussed the possibility of expanding the mission of the PDG to be able to include chemical hazards in modeling and risk assessment. This may require a change in the name of the PDG (i.e., removing the word microbial from the name and the mission) to be more inclusive to other hazards in the food supply. There is currently no PDG that addresses quantitative risk assessment for chemical hazards. This is a growing need in food safety and members in the current MMRA PDG hold the expertise in assessing, modeling and risk of these hazards.

Recommendations to the Executive Board:

1. Discuss the possibility of expanding the mission of the MMRA PDG to include other hazards in foods.

ADDENDUM

Predictive modeling group ideas:

- Predictive model assessing quality of the product.
- Collecting data and should be treated in different ways. Combine different tools with the data to use tools for example. Digital brains.
- User friendly QRA tools, new tools, application-real-time prediction.
- Risk prioritization and latest development. Criteria, case studies, explore linkage with risk management group.

Risk assessment group ideas:

- Controlled env AG.
- Quality control risk assessment models.
- Paths to a database. Data pieces, function so skill and community development. IAFP training.

Risk management group ideas:

- AI and machine learning past, present, future symposia. Texas Tech.
- AI and digital.

- Decision making and risk management. Advantages and pitfalls.
- Navigating through best data for RM, predictive modelling communication. How to do that navigation.
- So many new members in the room. Is there a need to focus on basics? Is it time to go back to predictive modelling 101, risk assessment 101. Workshop, trainings, symposia.
- How to communicate the risk tools to non-technical.

Risk Communication Group Ideas:

- Translating risk (lay terms) targeting consumers, food business operators, authorities, academics, etc. (symposia).
- Integrating social media to risk communication (workshop).

Next Meeting Date: July 14, 2024, Long Beach, California.

Meeting Adjourned: 5:15 p.m. Eastern Time.

Chairperson: Sofia Santillana Farakos.

Physical Hazards and Foreign Material PDG

Attendees: Byron Chaves (Chair), Shahram Ajamian, Adam Bolain, Nicolette Brown, Fariha Chowdhury, Polly Courtney, Minh Duong, Amanda Fischer, Megan Jensen, Amanda Martin Jones, Kent Juliot, Fumiko Kasuga, Paula Klassen, Janet Rowat Kraiss, Yvonne Masters, Shpresa Musa, Sarah Smith-Simpson, Ana Souza, Gry Terrell.

Board/Staff Present: Manpreet Singh.

Number of Attendees: 20.

Meeting Called to Order: Sunday, 1:02 p.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: Polly Courtney.

Old Business: Minutes from the PDG virtual meeting (June 23, 2023) were discussed. This included a summary of the PDG purpose, goals for the 2023-2024 year, collaborations with other PDG, and previous activities related to Physical Hazards and Foreign Material such as the webinar “Managing Foreign Materials and Physical hazards Risk to Make Recalls More (Not Less) Foreign (Mar 16, 2023).”

Different webinar and meeting session ideas were discussed in the virtual meeting, including AI applications for FM detection and management; design safety analysis – how to; developing a food safety culture around PH&FM; equipment design and preventive maintenance; regulatory compliance and implications of PH&FM adulteration; and risk assessment of foreign materials – safety vs. quality issues; analytical tools to quantify risk.

New Business: Support was expressed for “AI applications for FM detection and management.” A lot of work is being done on AI technology vs. traditional algorithms. It was suggested that there may be an opportunity to work with the Data Analysis PDG on an activity. There was interest in the “Design Safety Analysis – How to!” topic. After some discussion, it was suggested that several of the ideas could potentially be combined in a broader topic around “Defensibility of your Food” from a PH&FM standpoint. There is agreement that the FDA compliance guidance is outdated. It would be good to represent other regulatory perspectives if possible.

New Ideas: A topic for a potential general awareness webinar was suggested: “Not all foreign materials are hazardous and not all physical hazards are foreign.” A white paper series on Best Practices/Worst Practices was suggested.

A virtual PDG meeting will be held in late August/early September to discuss session proposals for IAFFP 2024 due on October 3, 2023.

Recommendations to the Executive Board:

1. Recommend appointing Byron Chaves as the Chair and Gale Beard as the Vice-Chair.

Next Meeting Date: July 14, 2024, Long Beach, California.

Meeting Adjourned: 2:30 p.m. Eastern Time.

Chairperson: Byron Chaves.

Pre-Harvest Food Safety PDG

Members Present: Camila Rodrigues (Chair), Getahun Agga, Grace Akumu, Basim Alohal, Aadeya Arora, Adam Baker, Ronny Barrera, Deborah Briese, Robert Buchanan, Laurel Burall, Isabella Casas, Evan Chaney, Sejin Cheong, Atin Datta, Brenna DeRocili, Megan Dixon, Jorge Pinto Ferreira, Makenzie Flach, Yupawadee Galasong, Zhujun (Abby) Gao, Alberto Garre, Lisa Gorski, Eelco Heintz, Issmat Kassem, Kathy Knutson, Jeffrey LeJeune, Susan Leonard, Girvin Liggans, Nicolas Nguyen Van Long, Ben Miller, Ahmed El-Moghazy, Scott Moosekian, Claire Murphy, Kefang Nie, Jitu Patel, Jorge Quintanilla Portillo, Rodrigo Portillo, Alexander Prokup, Rawane Raad, Aishwarya Rao, Gustavo Reyes, Nadira Espinoza Rock, , Orhan Sahin, Robert Salter, Deepti Salvi, Nikki Shariat, Manan Sharma, Jared Smith, LaTaunya Tillman, Collin Timm, Phillip Tocco, Zeynal Topalcengiz, Brayan Montoya Torres, Ann Charles Vegdahl, Kaidi Wang, Xiaohong Wei, Zhenlei Xiao.

Board/Staff Present: Manan Sharma.

Attendees: 56.

Meeting Called to Order: 10:00 a.m., Sunday, July 16, 2023.

Minutes Recording Secretary: Rawane Raad-Student Liaison.

Old Business: For the upcoming 2023 Annual Meeting, the Pre-Harvest Food Safety PDG had 11 symposia and roundtables submitted as primary and secondary sponsors. Two successful programs were accepted as a primary and 4 other ones were accepted as secondary sponsors. Dr. Manan Sharma the secretary elect of IAFP presented a briefing update on the IAFP Board and Board announcements which included a call to download the IAFP 2023 meeting app and resync it. A reminder to check the video of the DEI council to learn what it has been doing. In June 2023, Food Safety Month, IAFP has been offering free webinars that gained 9,000 views.

New Business: Dr. Jorge Pinto Ferreria presented updates regarding the role of Food Safety in the Food and Agricultural Organization (FAO) including the FAO's meeting on Whole Genome Sequencing, FAO's expert meeting on alternative and advanced feed practices to promote responsible use of antimicrobials, the joint FAO/WHO expert committee on food additives (Published in 2023), the FAO's work on gender transformation initiative in Agri-food systems, supporting the implementation of codex standards on AMR, funding of the development of an InFARM data platform which works on collecting data of AMR in animals and AMU in plants, FAO's updates on Antimicrobials in Horticulture List, willingness to pay (WTP) project that includes how much more is the consumer willing to pay for food with less antibiotics (or without AMR) which started in US and will continue to Colombia. Finally, the SFVP: substandard and falsified veterinary products project.

Dr. Camila Rodrigues called to keep submitting symposium to the Pre-Harvest Food Safety PDG. The Deadline for next year is October 3, 2023. A zoom meeting is planned for August to discuss proposals, webinars and roundtables ideas through the PDG. Deadline for abstract submission for IAFP 2024 is January 16, 2024.

Dr. Manan Sharma encouraged webinars and webinar development. Called to submit symposia as webinars. Called for members to sign up on committees (via the IAFP website). Reminded members to sign up for journal alerts. Called for mentors and mentees through the IAFP mentor program/IAFP connect). Reminded the members to check emails for IAFP updates. Reported that the number of IAFP Members is at the highest level that's ever been. Finally, Dr. Sharma will be the Pre-Harvest Food Safety PDG board liaison.

The student liaison talked about student PDG updates and called for scientists' involvement. Time left was open to questions for our speakers.

The Board called for nominations for the PDG vice-chair position. Email Dr. Camila with a short bio for nomination.

Recommendations to the Executive Board:

1. The Board recommends Dr. Camila Rodrigues (Auburn University) to serve as the PDG chair for the next 2 years.

Next Meeting Date: July 14, 2023, Long Beach, California.

Meeting Adjourned: 11:03 a.m. Eastern Time.

Chairperson: Dr. Camila Rodrigues.

Retail & Foodservice PDG

Members Present: Tia Glave (Chair), Monica Galleguillos Ackerknecht, Karla Acosta, Akshaya Balaji, Clifton Baldwin, Brita Ball, Zeb Blanton, Renee Boyer, Chris Boyles, Veronica Bryant, David Buckley, Judy Chow, Christine McIntosh-Cole, Tom Ford, Connie Freese, Steve Hails, Roger Hancock, Paula Herald, Dave Hill, Brittany Holmes, Allison Howell, Richard Huang, Marc Hughston, Minji Hur, Lee-Ann Jaykus, Aditya Joshi, Loyal Karam, Karin Kasper, Amit Kheradia, Margaret Kirchner, Stacey Klinzing, Richard Kralj, Elisabetta Lambertini, Girvin Liggins, Susan Linn, Tatiana Lorca, Chip Manuel, Eric Martin, Ann Marie McNamara, Mike McQuarie, Rupesh Modi, Matt Morrow, Sara Mortimore, Xiangwu Nou, Kathleen O'Donnell, Marin Pavlic, Eric Perez, Harmeem Prasher, Carrie Rigdon, Lisa Robinson, Christopher Rupert, Dina Scott, Natalie Seymour, Angela Shaw, Adrienne Shearer, Tracie Sheehan, Jill Stuber, Geraldine Tembo, Brian Turner, Kasey Ward, Sarah Kozak-Weaver, Bridget Xie, Lily Yang, Mary Yavelak.

Number of Attendees: 63.

Meeting Called to Order: Sunday, 10 a.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: Tia Glave.

Old Business: The submitted proposals, both accepted and rejected, for IAFP 2023 were reviewed. Tia encouraged the contacts to submit any rejected proposals to the PDG for a webinar.

New Business: Vice-Chair nominations will be coming up in Spring 2024. Minji Hur, student liaison, gave a Student PDG update detail 2022-2023 activities. Tia Glave gave a brief update on the FSMA 204 – Food Traceability Final Rule. The PDG completed a webinar earlier this year that was referenced, and the slide provides links to relevant information.

A panel with Tom Ford, Vice President Food Safety & Quality Assurance for Compass Group, USA and Dina Scott, Division Quality Manager, Florida from Wendy's, moderator Tia Glave, Retail & Foodservice PDG Chair and Co-Founder of Catalyst, LLC, discussed Food Safety Culture in Retail & Foodservice. Afterwards the PDG divided into five (5) breakout groups to discuss specific topics including Health Department, Operations, Temperature Monitoring, Training, and New Products. After some time, the groups shared 2-3

ideas to help advance food safety culture based on their topic. The meeting concluded by Tia announcing the PDG's August meeting will be used to discuss proposal for IAFFP 2024. Submission due date is October 3, 2023.

Recommendations to the Executive Board:

1. The Retail and Foodservice PDG would like to avoid overlapping with Food Safety Culture PDG and Data Management and Analytics PDG.

Next Meeting Date: July 13, 2024, Long Beach, California.

Meeting Adjourned: 12:00 p.m. Eastern Time.

Chairperson: Tia Glave.

Sanitary Equipment and Facility Design

Attendees: Dimitri Tavernarakis (Chair), Basim Alohal, Nathan Anderson, Veronica Garcia-Bayo, Aerial Belk, Adwy van den Berg, Montgomery Bohanan, Simon Burns, Carmen Cantu, Erdogan Ceylan, Shihyu (Andrew) Chuang, Nathan Decker, Carlos Gonzalez Ducker, Dan Erickson, Katrina Cooks Fitten, Julia Fukuba, Charles Giambrone, Sanaz Hemati, Noreen Hobayan, Nasrin Honardar, Karla Horne, Sanghyup Jeong, Arshpreet Kaur Khattrra, Amit Kheradia, Paula Klassen, Lori Kora, Jeffrey Kornacki, Mark Kreul, Govindaraj Dev Kumar, Dave Largey, Wan Mei Leong, Joanne Lim, Moises Cardona Loera, Ben Miller, Nathan Mirdamadi, Gerardo Morantes, Rocio Nunez, Riddhi Patel, Daniela Pereira, Mariana Correa Pontes, Gale Prince, Michael Randolph, Bill Remmers, Lisa Robinson, Katie Satterthwaite, Tomasz Seliwiorstow, Manoj Shah, Debra Smith, Ana Souza, Rick Stokes, Susan Teegardin, Aljosa Trmcic, Theresa Upshall, Patrick Wouters, Yuzhen Zhang.

Number of Attendees: 63.

Meeting Called to Order: 3:15 p.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: Rick Stokes.

Old Business: Meeting Minutes recorded and seconded. Initiation: Nathan Mirdamadi, seconded by April Bishop.

New Business: Dimitri Tavernarakis began the meeting and welcomed participants. Rick Stokes read the anti-trust guidelines. Student liaison shared Student PDG updates and upcoming activities. Patrick Wouters (VP-EHEDG, Cargill – Global Hygienic Design Lead) gave a presentation on an Introduction to EHEDG and discussion of current topics in Sanitary Design. We highlighted PDG sponsored symposia, roundtables, posters, workshops, specifically the Tuesday afternoon session on Sanitary Design in Automation. There was a motion for adoption of meeting minutes from last meeting. Nathan Mirdamadi was first, April Bishop seconded.

Questions posed to the group to begin brainstorming for 2024 annual meeting workshops, webinars, symposia, roundtables or posters. Members requested to see current list of ideas that have not been accepted. Brought up last year's list of ideas and the group began brainstorming on new ideas. The ideas will be added to the current list and posted on the *IAFFP Connect* PDG page.

Dimitri confirmed the group is in support of moving forward to elect a secretary position to help maintain and organize the meetings and PDG support materials. Several self-nominations were received. A question on whether a student member could serve. The answer was the secretary position did not need to lead directly to a vice-chair position, so if a student is elected as secretary then that would likely be the only change.

The final presentation was given to close the session by Rick Stokes involving Hygienic Zoning best practices and assessment. The next meeting for the PDG was announced to be Thursday, September 21, 2023.

Recommendations to the Executive Board:

1. Recommend to approve the appointment of Jason White to the position of Vice-Chair.

Next Meeting Date: July 14, 2024, Long Beach, California.

Meeting Adjourned: 5:00 p.m. Eastern Time.

Chairperson: Dimitri Tavernarakis.

Seafood Safety & Quality PDG

Attendees: Jacqueline Woods (Chair), Evelyn Watts (Vice-Chair), Angela Anandappa, Deborah Briese, Jennifer Burke, Linyun Chen, James Doyle, Binita Goshali, Noreen Hobayan, Robson Machado, Rupesh Modi, Naim Montazeri, Nooshin Moradi, Amanda Ng, Marasu Ochaia, William Patrum, Jennifer Perry, Christopher Rupert, Allen Schaefer, Brooke Schwartz, Yesutor Soku, Kentaro Takenaka, Dushyanth Kumar Tammineni, Rachel Teoh, Margret Malkoski, Pagiel Yoo, Tori Stivers, Razieh Farzad, Katheryn Parraga, Salina Parveen, Marlee Mims, David Kingsley, Michael Ciaramella, Rachel Rodriguez, Mondonna Khan, Ryan Matsuda, Sneha Chhabra, Quynh-Nhi Le, Naim Montazeri, Sam Lacoche, Allen Schaefer, Issmat Kassem.

Board/Staff Present: Manan Sharma.

Number of Attendees: 44.

Meeting Called to Order: Sunday, 1:00 p.m., July 16, 2023

Minutes Recording Secretary: Rachel Rodriguez.

Old Business: Evelyn Watts made a motion to approve the 2022 meeting minutes. Tori Stivers seconded the motion. Motion was accepted. Reviewed old recommendations to the Board. 1) Recommended no overlapping with other relevant PDG meetings, such as the Virus and Parasite PDG. 2) Try to

schedule poster presentations and symposia with similar topics at different times.

New Business: Jacqueline Woods started the meeting welcoming everyone, new and old members, and thanking them for attending the Seafood Safety and Quality PDG. Jacqueline introduced herself as the new PDG Chair and Evelyn Watts introduced herself as new Vice-Chair. A brief introduction was given by each attendee. Around 20 people introduced themselves as more attendees arrived for the meeting. Executive Board liaison announcements were given by Manan Sharma. During his talk, he encouraged individuals to joining committees and the mentor/mentee initiative. Also, encourage submitting symposia and webinars. Selina Parveen was congratulated on her diversity award! Manan indicated that he was happy to help if needed. Evelyn reviewed the Antitrust guidelines for everyone. The 2023 symposia and technical sessions were reviewed, S7, S32, S21, T10. Tori mentioned that she shared a list of seafood related sessions and Jacqueline offered to send to anyone who may not have the document.

The student liaison was not able to attend due to visa issues and Student PDG was unable to assign a replacement on such short notice. Jacqueline reviewed student updates. These updates included meet your favorite scientist, 3-minute thesis competition, and proposal submissions. Ellen Mendez is the Student PDG chair can be contacted for additional information.

Updates presentations: Rachel Rodriguez "Validation of Detection Methods for Enteric Viruses in Seafood, from Gulf Coast Seafood Laboratory," Margaret Malkoski, "It's not a Sprint, but a Marathon, Traceability Rules," from National Fisheries Institute. "Enhancing Production of Food-Grade Seaweed in the U.S." from Cornell Cooperative Extension. Lots of questions from the attendees.

Brainstorming discussion on session proposals for 2024 IAFP Annual Meeting. Multiple ideas developed and champions/points of contact identified for numerous topics. Session proposals for the topics will be further developed and refined via email/virtual meetings prior to the submission deadline. Additionally, discussed and agreed upon recommendations for the Board (as provided below). Submissions due October 3, 2023.

Recommendations to the Executive Board:

Approve Jacqueline Woods and Evelyn Watts as Chair and Vice-Chair, respectively. Recommend the Board avoid scheduling student events during the 1pm PDGs to ensure appropriate dissemination of information and record keeping or provide a volunteer. For example, provide a student scan badges upon entry into PDG and provide a student to give the student PDG updates.

Next Meeting Date: July 14-17, 2024, Long Beach, California.

Meeting Adjourned: 2:57 p.m. July 16, 2023.

Chairperson: Jacqueline Woods.

Student PDG

Attendees: Manita Adhikari, Grace Akumu, Basim Alohal, Courtney Aminirad, Juan Archila, Aadeya Arora, Jyoti Aryal, Arzu Irem Aydogdu, Jakob Baker, Charles Bakin, Akshaya Balaji, Grace Bannister, Ronny Barrera, Michael Batz, Adwy van den Berg, Laura Pineda- Bermudez, Sujitha Bhumanapalli, Micah Black, Hannah Blackwell, Jack Burnett, Isabella Casas, Hema Sai Samhitha Chalamalasetti, Sergio Nieto-Chavez, Linyun Chen, Pavana Harathy Chennupati, Sejin Cheong, Sneha Chhabra, Daria Clinkscales, Paola Corea, Sitara Cullinan, Michelle Danyluk, Brenna DeRocili, Aakankshya Dhakal, Ujjalpreet Kaur Dhatt, Megan Dixon, Aaron Dudley, Cyril Nsom Ayuk Etaka, Savana Everhart, Jeff Farber, Loretta Friedrich, Julia Fukuba, Yupawadee Galasong, Gabriella Gephart, Binita Goshali, Luis Guzman, Olivia Haley, Nicolette Hall, Ruth Harper, Yawen He, Eelco Heintz, Haknyeong Hong, Allison Howell, Minji Hur, Divya Joseph, YeonJin Jung, Tom Kasputis, Erin Kealey, Arshpreet Kaur Khattra, Minji Kim, Minh Kim, Ian Klug, Anne Lamson, Ivannova Lituma, Mallika Mahida, Adeel Manzoor, Ariel Martin, Kyle McCaughan, Ellen Mendez, Abigail Aba Mensah, Marlee Mims, Markanna Moore, Nooshin Moradi, Juan Moreira, Caroline Motzer, Claire Murphy, Cecil Barnett-Neefs, Kasey Nelson, Kefang Nie, Alexis Omar, Keorimy Ouk, Chelsey Patch, Pranita Patil, Gabriella Pinto, Breanna Polen, Jorge Quintanilla Portillo, Rodrigo Portillo, Simone Potkamp, Shivaprasad Doddabematti Prakash, Chenhao Qian, Rawane Raad, Erin Ramsay, Aishwarya Rao, Gustavo Reyes, Nadira Espinoza Rock, Alyssa Rosenbaum, Zachary Rosenzweig, Kaylee Rumbaugh, Joy Saha, Amaryllis Rivera-Santiago, Mari Schroeder, Sofie Schryvers, Elisa Guardado Servellon, Aakash Sharma, Katherine Sierra, Amritpal Singh, Yesutor Soku, Doina Solis, Pauline Spagnoli, Sloane Stoufer, Sriya Sunil, Dushyanth Kumar Tammineni, Vianca Tashiguano, LaTaunya Tillman, Marvin Tzirin, Pranaya Udash, Sasikala Vaddu, Claudia Pegueros Valencia, Leya Susan Viju, Xiaohong Wei, Kelli Woods, Linghuan Yang, Caroline Yates, Galante Yu, Yuzhen Zhang.

Number of Attendees: 123.

Meeting Called to Order: Sunday, 11:00 a.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: Jyoti Aryal.

Old Business: The meeting was called to order and the chair extended warm welcome to all participants. The Anti-trust guidelines were discussed to ensure compliance. The chair introduced and acknowledged the all the outgoing and incoming Board members.

Attendees were encouraged to approach the Board members for any questions, networking opportunities or getting more involved with IAFP.

The voting process for the Board members was discussed, with appreciation expressed for the participation of 14 candidates and the 75 votes cast. Attendees were urged to sign up for *IAFP Connect* to familiarize themselves with the Student PDG. Instructions were provided to visit the IAFP website, access *IAFP Connect*, and follow along the Dashboard for updates and information. Volunteer activities within *IAFP Connect* were emphasized, and attendees were encouraged to volunteer for the upcoming annual meeting. Following the Student PDG on LinkedIn was also recommended.

Several achievements and initiatives of the Student PDG were highlighted. These included the successful 3MT competition, where 11 videos were submitted, featuring 7 competitors from 3 countries, and judged by 8 individuals. The winner of the competition would be announced at the luncheon, with gratitude expressed to the sponsor, Phi Tau Sigma. The availability of student liaison opportunities was mentioned that provides valuable networking experiences and attendees were informed that a total of 42 student liaison positions had been assigned this year. The Meet Your Favorite Food Scientist initiative was introduced as an open forum for students to engage with renowned scientists from government, industry, and academia. The mentor-mentee program was also emphasized as a means of support for students. It was noted that the Student PDG opened an Instagram account last year to highlight volunteer opportunities, events, webinar information, and more. The mentor-mentee program was also emphasized as a means of support for students.

An overview of yearlong events and webinars organized on an international platform was provided, with encouragement for students to engage with local affiliates. The reintroduction of the T-shirt was celebrated with a design competition with more than 450 votes for 8 shirt design submissions. Attendees were encouraged to visit the student booth 439. The initiation of newsletters was acknowledged as a new way to disseminate information about past and upcoming events. The success of several webinars, specifically targeting domestic and international students, was recognized.

Congratulations were extended to recipients of the student travel scholarship, and all attendees were encouraged to apply for future opportunities.

All the 2022-2023 sponsors and partners: 3-A Sanitary Standards, Inc., BCN Research Laboratories, Inc., Capital Area Food Protection Association, Chobani, Conagra Brands, Jennifer McEntire, Merck Animal Health, New York State Association for Food Protection, Ontario Food Protection Association, OSI Group, Texas Roadhouse, Inc., and Wisconsin Association for Food Protection were acknowledged. Appreciation was expressed to the staff, scientists, 3MT judges, students and Board members for their contributions.

New Business: In the annual meetings, two sessions (S15 and RT21) are being sponsored and co-sponsored by SPDG. SPDG activities (luncheon and mixer) for the annual meeting were announced and ideas for fall and spring events were requested from the attendees. The continuation of the "Meet Your Favorite Food Scientist" initiative was highlighted, with attendees encouraged to provide scientist suggestions. The importance of highlighting student achievements and activities on LinkedIn was stressed, along with the continuation of virtual coffee hours.

The session monitoring process was explained, and attendees were thanked for signing up. Detailed reminders regarding the process were provided, with any queries directed to the IAFP staff. The possibility of organizing more webinars was discussed as an alternative for those topics which may not have been accepted for symposia or roundtables.

Recommendations to the Executive Board:

1. Recommend approval of Ivannova Lituma for Vice-Chair of the Student PDG.
2. Recommend having a medium affordable luncheon rate for new professionals along with promoting the inclusion of new professionals in luncheon and mixer.
3. Recommend providing guidelines or maybe a social media series for first-time attendees at IAFP on getting more involved with SPDG and other networking opportunities at IAFP.
4. Recommend a webinar on career-related visas, building on a previous visa-related webinar for professional scientists.
5. Recommend a webinar on providing valuable tips and information on how to attract and engage audience specially focused for those students without teaching backgrounds.
6. Recommend webinars for new professionals discussing how to continue maintaining networking with IAFP.
7. Recommend webinar on writing manuscripts and ideas on networking opportunities with prominent industry professionals.
8. Recommend to issue certificates for the 3MT competition winners and finalists.

Next Meeting Date: July 14, 2024, Long Beach, California.

Meeting Adjourned: 12 p.m. Eastern Time.

Chairperson: Ellen Mendez Sosa.

Viral and Parasitic Foodborne Diseases

Attendees: Kristen Gibson (Chair), Sonia Almeria (Vice-Chair), Grace Akumu, Courtney Aminirad, Mariem Amri, Akshaya Balaji, Patrick Bird, Preetha Biswas, Brittany Cooksey, Brenna DeRocili, Doris D'Souza, Monica Santin-Duran, Mauricio Durigan,

Mathilde Trudel-Ferland, Donna Garren, Rocelle Grabarek, Yuan Guo, Fabienne Hamon, Ruth Harper, Sunee Himathongkham, Julie Jean, Hyo jung Kim, David Kingsley, Sanjay Kumar, Susan Leonard, Dan Li, Jinxin Liu, Yuxiao Lu, Jenny Maloney, Kyle McCaughan, Naim Montazeri, Angela Nguyen, Redd Ochoa, Sophie Pierre, Breanna Polen, Brooke Schwartz, Alexandre da Silva, Daniele Sohier, Yesutor Soku, Mitra Soni, Matthew Stasiewicz, Irshad Sulaiman, Lori Tansey, Tom Tansey, Susan Teegardin, Socrates Trujillo, Grace Tung, Chun Wang, Terri Wasmoen, Beth Wittenauer, Jacqueline Woods, Zhihui Yang, Linghuan Yang, Caroline Yates.

Board/Staff Present: Timothy Jackson.

Number of Attendees: 54.

Meeting Called to Order: Sunday, 9:00 a.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: Caroline Yates.

Old Business: The minutes from IAFP 2022 PDG meeting were approved with no modifications.

New Business: Four main topics were on the agenda: *IAFP Announcements:* Updates from the IAFP Executive Board were provided by Tim Jackson. Updates from the Student PDG were provided by Caroline Yates. Additional safety announcements were provided by Kristen Gibson. These updates and announcements included the following:

Notices from the Executive Board – Download the meeting app as this will be the best way to track what is happening. Make sure to synchronize the app to reflect real time changes. The DEI council video is now also available through the app. Webinars were free this year in June for Food Safety month with a record number of views and are a good platform for PDGs to consider. Those looking to join a committee can show interest with through their member profiles on IAFP website. The website is also a great source to get notifications for the new journal articles and issues. *IAFP Connect* is the best option to communicate within and across PDGs. You can also indicate interest in the IAFP mentor and mentee program via the website. Advice for those new to IAFP: go up and introduce yourself to those here.

Updates from the Student PDG – Ways to get involved with students include 1) meet your favorite scientist; 2) 3-Minute Thesis Competition; and 3) joint symposia, roundtable, or workshop proposal submissions. Please reach out to Ellen Mendez (ellenandrea@ksu.edu) if you are interested and for more details.

Highlights from the IAFP 2022 program relevant to the PDG:

Kristen reviewed accepted sponsored or co-sponsored proposals including symposia and roundtables. There was also a note about numerous posters and technical sessions that will be presented

and are relevant to the Viral and Parasitic Foodborne Diseases PDG.

Update on foodborne parasitic diseases:

Dr. Monica Santin – Discussed the One health approach to their work and emphasized that parasites can infect animals and humans, and the environment plays a role in this through contamination of the food and water supply. Transmission of *Cryptosporidium* and *Giardia* is fecal-oral and is immediately infectious following excretion which differs from *Cyclospora* and *T. gondii*. *Cryptosporidium* has 44 valid species but not all infect humans, and there is a need to be able to distinguish between them. *Giardia* has 9 valid species and only 1 infects humans. Older detection methods use microscopy, but species cannot be distinguished only using morphology. Traditional molecular methods such as Sanger sequencing are limited due to difficulty with complex samples. Next Generation Sequencing (NGS) can be used to identify species composition within a sample, and NGS has a higher sensitivity detecting mixed assemblages.

Overall, molecular characterization is needed to determine risk. For example, a study on *Cryptosporidium* in cattle revealed 4 species, where only 1 can infect humans. This zoonotic species is found predominantly in pre-weaned calves and thus this is where interventions should focus.

Dr. Sonia Almeria – Improved methods for detection of *C. cayetanensis* by real time PCR in produce were discussed. Traditionally, 18S ribosomal RNA gene target is used, but a method based on a different target was developed. This method is referred to as Mit1C qPCR, and conditions had to be optimized for this method. Evaluated new method for exclusivity (using a panel of protozoa) and inclusivity. Also, determined sensitivity by spiking raspberries, lettuce, and cilantro samples.

Update on viral foodborne viruses:

Dr. Dan Li – A preview of the symposium of human norovirus infectivity assays was provided. Availability of ISO methods is a great step forward but there are many uncertainties as these methods are based on molecular detection via RT-qPCR. In a study at produce markets in Singapore, noninfectious norovirus was detected on berry products highlighting the need to apply a routine infectivity assay. The symposium will include updates on the human intestinal enteroid model to study human norovirus infectivity, the zebrafish model to study human norovirus infectivity, and inactivation of foodborne viruses and the use of surrogates in industry research.

In preparation for IAFP 2024 in Long Beach, CA, July 14 to July 18, 2023, roundtable and symposia topics were suggested and discussed:

PDG participated in breakout groups to consider important questions and areas of research related to viral and parasitic foodborne diseases that would be

good symposium topics for IAFP 2024. Ideas have been listed based on group sharing.

Topic 1 – The impact of large outbreaks on food safety and public health...what will the next 5- 10 years bring to close gaps on large outbreak occurrence? What research will be needed?

What of pressure are we under? For example, *Cyclospora* outbreak in 2013 brought a lot of new developments.

Topic 2 – The “berry situation”...Hepatitis A virus and frozen berries from same farm over multiple years. HAV in berries has triggered a lot of investigations, but what did we have in the end? A lot of obvious gaps, so what should be done to prevent these outbreaks in the future? Once we have an outbreak like this, what are the chances it will happen again? This would be a good opportunity to discuss the preventive guidance that FDA is releasing and to look at ways to have real time, on farm risk evaluation. *Possible Roundtable*

Topic 3 – Mitigation and intervention strategies for both viruses and parasites in frozen berries. Maybe use the work Fresh Express has done on *Cyclospora* interventions with the growers?

Some promising interventions include HPP and advanced oxidation processes.

Topic 4 – Concerns about molecular testing and high Ct values, e.g., what is the value of a Ct value of 40 and is it valid? Should be a confirmatory test for a molecular “yes.” However, if detect virus/protozoa genomic material, then fecal contamination is more likely to be present so how do we address the risk of these high Ct values to our most vulnerable populations? This brings back the need for fecal indicators for viruses...fecal indicators specific to humans.

Topic 5 – Wastewater surveillance from a non-pandemic standpoint. How can we utilize this type of surveillance for enhancing safety of the food supply?

Topic 6 – Veterinarians have a lot of knowledge about parasites and we should engage with them to come up with a more holistic approach.

Topic 7 – Recovery of viruses from samples to maintain viability in order to utilize new infectivity models. Previous methods have been destructive in nature or have not worried about maintaining virus integrity.

Topic 8 – Next-generation sequencing for epidemiological tracing.

Recommendations to the Executive Board:

1. Sonia Almeria was elected Vice-Chair of the Viral and Parasitic Foodborne Disease PDG on April 19, 2023. We recommend that this is approved by the Executive Board.

Next Meeting Date: July 14, 2024, Long Beach, California.

Meeting Adjourned: 10:55 a.m. Eastern Time.

Chairperson: Kristen Gibson.

Water Safety PDG

Attendees: Adriana Alfaro, Basim Alohal, Aadeya Arora, Samir Assar, Rebecca Bell, Manreet Bhullar, Betsy Bihn, Preetha Biswas, Kari Bunting, Kellie Burris, Catalina Cespedes, Erdogan Ceylan, Michael Ciaramella, Rachel Conrad, Kim Cook, Mauricio Durigan, Craig Edwards, Kristin Esch, Jorge Pinto Ferreira, Zhujun (Abby) Gao, Leon Gorris, Joshua Gurtler, Alan Gutierrez, Olivia Haley, Wannes Hugo R. Van Hassel, Shauna Henley, Harsimran Kaur Kapoor, Ryan Karns, Julie Kase, Margaret Kirchner, Greg Komar, Elisabetta Lambertini, Jeffrey LeJeune, Teresa Lopez, John McBride, Yulie Meneses, Amie Minor, Ahmed El-Moghazy, Markanna Moore, Claire Murphy, Chantal Nde, Salina Parveen, Ana Allende Prieto, Rawane Raad, Nadira Espinoza Rock, Rachel Rodriguez, Robert Salter, Ron Sarver, Manan Sharma, Amy Sicheloff, Mariana Villarreal Silva, Jared Smith, Don Stoeckel, Sheetal Thomas, Phillip Tocco, Camilo Toro, Becky Unwer, Sasikala Vaddu, Francisco Garces-Vega, Tamara Walsky, Daniel Weller, Sharon White, Anett Winkler, May Yeow, Ian Young.

Number of Attendees: 64.

Meeting Called to Order: Sunday, 3:16 p.m. Eastern Time, July 16, 2023.

Minutes Recording Secretary: Claire Murphy

Old Business: Introductions – all attendees. Board updates. Discussion and adoption of 2022 Water Safety PDG meeting. Motioned to accept minutes: Don Stoeckel. Second: Leon Gorris.

New Business: Student PDG update; Overview of accepted and non-accepted symposia and roundtables happening at 2023 annual meeting; Updates from selected speakers: Jeff LeJeune, Elizabeth Bihn, Samir Assar.

Review of Conferences and Events Related to Water Safety that are not IAFP; Board responses from 2022 Board recommendations; Receive recommendations for the 2023 board; Ideas for Webinars and PDG activities; Important IAFP dates for 2024 IAFP Annual Meeting; Brainstorming 2024 Symposia and Roundtables.

Recommendations to the Executive Board:

1. Can we have a way for the recordings and presentations from the annual meeting to go into a single folder after the conference?
2. Offer options to rejected symposium/roundtable at earlier decision making timepoints so that rejected symposium/roundtable can be turned into webinars throughout the year to avoid the majority of webinars being submitted in spring.

3. Pro-rated registration for individuals travelling from developing economy countries.

4. Avoid having cross-cutting meetings during the other PDG meetings (e.g., editorial board meetings).

5. Can we update the schedule, so we spread PDGs/Committees across the conference (e.g., split them and the sessions across Sunday-Wednesday).

6. Could PDG meetings be an hour (e.g., some updates and procedural activities are done via email or pre-meeting Zooms), change some PDGs to every-other-year.

Next Meeting Date: July 14, 2024, Long Beach California.

Meeting Adjourned: 4:57 p.m. Eastern Time.

Chairperson: Daniel Weller.