

Committee on Control of Foodborne Illness

Members Present: Ewen Todd (Chair), Judy Greig (Vice Chair), David Baker, Michael Batz, Tracy DuVernoy, John Guzewich, Bobby Krishna, Marilyn Lee, Sherri McGarry, Ben Miller, Rajesh Nayak, Maria Nazarowec-White, James O'Donnell, Ruth Petran, Muhammad Ibsanullah Qamar, Michael Roberson, Juliana Ruzante, Caroline Smith DeWaal and Guodong Zhang.

Board/Staff Members Present: Didi Loynachan.

New Members: Christine Aleski, Soon Kiat Lan, Sarah Cahill, Pratik Banerjee, Atef Idriss, Amy Simonne, Apurba Chakraborty, Cagatay Celibi, Xiangwn Nou and Kristin Gulrud.

Visitors/Guests: Julie Borders and Michelle Smith.

Meeting Called to Order: 8:10 a.m., Sunday, July 28, 2013 by Ewen Todd.

Recording Secretary of Minutes: Judy Greig.

Old Business:

1. Member activities at the 2013 Annual Meeting.
Introductions were made of those initially present but others joined right up to 3:30 pm. Presentations at Symposia and Round Tables that members are associated with at the present Annual Meeting included: Michel Batz, Sarah Cahill: "ranking of global foodborne parasites;" Ewen Todd "cross border (Canada/USA/Mexico) initiatives;" Sherri McGarry "recent foodborne outbreaks;" Judy Greig "the role of wildlife in transmission of antimicrobial resistance and pathogens to the food chain."
2. Waterborne disease procedures manual. It is intended that the Procedures to Investigate Waterborne Illness manual will be completed by 2014. The major section to still be written concerns water contamination during production and irrigation of produce and "spent irrigation water" – possible contributors are Michelle Danyluk at University of Florida and Chuck Gerber, University of Arizona. Marilyn presented work to date to the Water Safety and Quality PDG and some members agreed to review the final draft document once completed. One member raised the issue of water systems in developing countries e.g., hygienic control of aquaculture in India. A guidance document would be useful at the practical level for aquaculture workers. There could be existing documents that could be useful, e.g., WHO publications.
3. Arthropod and rodent-borne illness procedures manual. There is an existing IAFFP procedures manual on arthropod and rodent-borne illness, even if it does not exactly fit the CCFI mission. Tracy DuVernoy has been exploring the need for revising such a manual. One approach is to develop a pest control manual, but one may already be available (Scott Burnett or Zia Siddiqi, Orkin). The CCFI

through Tracy will check into these possible documents and decide whether there is a need for revisions.

4. Marketing of the foodborne disease manual. One recommendation is to have a Web site marketing tool for procedure manuals such as shown in Annex 1. Some are sold through IAFP, others directly from Springer. Few requests have come directly from health departments. To date: 2011 – 406 sold, 2012 – 889 sold and 627 up till June this year for a total of 1900 but some were also sold directly through IAFP. Only 1 electronic version was sold. We need to send out e-mails, fliers, etc., to large environmental agencies to describe the value of these procedures. A new section on statistical analysis for the waterborne illness investigation manual needs to be reviewed for inclusion in the foodborne disease investigation manual. Both Jack Guzewich and Michael Batz will review this section.
5. Training of potential users of the manuals. Training in foodborne disease surveillance is highly desirable especially as it is lacking globally, including the developed world. For instance, Jack Guzewich noted that the need at the local health level in the USA is overwhelming. In addition, many developing countries are hosting international events without the benefit of an established surveillance system to monitor foodborne and waterborne diseases. FAO (Sarah Cahill) noted that many existing training programs are ineffective; even if people are trained, the knowledge may not be successfully applied to investigate foodborne outbreaks. Reinforcement by continual contact between trainers and trainees is optimal. An example of such a commitment is the three year FAO training program in Bangladesh. There is a clear need to clearly communicate the purpose and utility of the procedures manuals and that effective training needs to be done over the long run. A representative from Turkey present would like to share the manual with Turkish colleagues to assist in surveillance and traceability. The International Food Protection Training Institute is considering collaboration for training using the procedures for foodborne disease for surveillance.
6. Translation of the Manuals. The Committee felt there were opportunities to have the Foodborne and future Waterborne manuals translated into different languages. Mr. Idriss from Lebanon would consider translating the manual into Arabic for use in North Africa, Turkey and the Middle East. It was agreed that the affiliates could be involved in translation of the manuals, e.g., Pratik Banerjee mentioned a new Indian affiliate was being formed this year. The Korean, Turkish and Chinese affiliates could also be approached. Judy Greig will contact Enrico Perez of PAHO concerning translation to Spanish and Portuguese. Christine Aleski of 3M will explore the possibility of their translators being involved including any costing. It was agreed that any translation of the Procedures to Investigate Foodborne Illness needs to address cultural considerations of various regions. FAO could possibly help with adaption of materials from a cultural stand point. However, the contract between IAFP and Springer means that a publisher

in the interested countries needs to buy the rights of foreign language production from Springer before any translation can continue. One example may be working with ACRIBIA in Spain and South America which translates scientific documents such as ICMSF books into Spanish.

7. Diseases Transmitted by Foods 3rd edition. Work continues with the goal to complete by 2014 but needs many committee member inputs to complete on time. IAFP should try and retrieve the PDF version of the original book.
8. Committee history. Frank Bryan completed the Committee's history up to 1999. Ewen and Judy will work on the more recent activities since then. Possible inclusion in this history would be the future of the Committee and a list of 10 new priorities.

New Business:

1. Foodborne disease outbreak database. Judy Greig has been working on this for many years and has up to 8,000 documented outbreaks. Information can be provided from the database upon request from Judy.
2. Elsevier Encyclopedia on Food Safety Editors include: Yasmine Motaremi, Gerry Moy and Ewen Todd. This on-line book should be available in January 2014.
3. 2014 symposia suggestions:
 - a. *Special 100 years CCFI symposium: committee history* – Frank Bryan from start to 1999 and Ewen and Judy will complete this year.
 - i. Invite Frank Bryan to speak – or work with him on a presentation
 - ii. Changes in investigation over time- more outbreaks identified is a good thing
 - iii. How pathogens changed over time/ timeline slides of pathogens- poster etc.
 - iv. Outbreak data/ Surveillance/International speaker/WHO regional speaker
 - v. How regulatory frameworks for surveillance of illness have changed over time

Older and improved controls and interventions how they have evolved over time, such as hurdles and HACCP

History of how investigations are done at the local level – how their attitude to investigation has changed over time Scott Gilliam Indiana State Department of Health & John Tilden, Michigan Department of Agriculture.

Trend analysis, new molecular methods/perspective of developing country/issues of trade

Global food supply – traceability

Cross border outbreaks/how do we resolve this environmental assessment

- b. *Rogue journals/meetings*. Ewen has been tasked by the Board to prepare a symposium on open access and rogue journals, fraud and plagiarism for 2014 Annual Meeting.
 - c. A symposium on food safety issues in the Indian subcontinent with speakers from India, Bangladesh and Afghanistan.
 - d. *Recent foodborne outbreaks*: Sherri McGarry
4. Other business – The CCFI wishes to send Pete Snyder our best wishes for speedy recovery.

Annex 1. The International Association for Food Protection (IAFP) would like to let you know that the 6th edition of “Procedures to Investigate Foodborne Illness” is now available for purchase at www.foodprotection.org/resources/otherpublications. The cost is \$23.95 (IAFP member) or \$29.95 (non-member). Every PHI who is involved in investigating foodborne outbreaks should have a copy for easy reference. Chapter topics address developing a foodborne disease surveillance at the local health unit level, how to prepare for the investigation, seeking sources and modes of contamination and making recommendations for control, to name a few areas covered. The manual includes forms that health units can adopt for their own use. This book is a great resource tool for those who are responsible in investigating foodborne illness. P.S. The 2nd edition (1996) of the “Procedures to Investigate Waterborne Illness” is currently being updated.

Recommendations to the Executive Board:

1. The Committee recommends that the *Procedures to Investigate Foodborne Illness* manual be supplied to Affiliate chairs who are willing to consider its use among members and translation of the manual for their country or region, if required, but compatible with the IAFP contract with Springer.
2. The Committee recommends the need to explore the availability of a specific manual for food workers to control foodborne agents in selected agriculture and aquaculture products, e.g., spices and shrimp.
3. For the 100 year Committee history, the Committee recommends publication in *Food Protection Trends*, as a special edition, if necessary.

Next Meeting Date: August 2, 2014 in Indianapolis, IN.

Meeting Adjourned: 4:00 p.m., July 28, 2013.

Chairperson: Ewen C. D. Todd.