



Joint IIT IFSH/UW FRI Water Symposium
September 19, 2013
Hyatt Regency O'Hare
Rosemont, Illinois

PROGRAM AGENDA

SESSION 1: PUBLIC HEALTH CONSIDERATIONS

Session Chairs: Sharon Long, Ph.D., and Vince Hill, Ph.D.

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| 8:30 – 8:40 am | Welcome and Introductory Remarks
Robert Brackett, Ph.D., Institute for Food Safety and Health |
| 8:40 – 9:10 am | Keynote Presentation: FSMA and Water Safety
Erick Snellman, Ph.D., FDA Center for Food Safety and Applied Nutrition |
| 9:10 – 9:40 am | Model Aquatic Health Code Issues Relevant to Wash Water Systems
Vince Hill, Ph.D., Center for Disease Control and Prevention |
| 9:40 – 10:10 am | Beyond Bacteria: Managing Food Safety Risks from Waterborne Viruses, Parasites, and Chemicals
Sharon Long, Ph.D., University of Wisconsin-Madison and Wisconsin State Laboratory of Hygiene |
| 10:10 – 10:40 am | The Water We Eat: How Water Leads to Foodborne Outbreaks
Hannah Gould, Ph.D., Center for Disease Control and Prevention |
| 10:40 – 10:55 am | Coffee Break |

SESSION 2: AGRICULTURE WATER SAFETY

Session Chairs: Chuck Czuprynski, Ph.D. and Mark Borchardt, Ph.D.

- 10:55 – 11:25 am **Water Quality and Produce Safety**
Trevor Suslow, Ph.D., University of California-Davis
- 11:25 – 11:55 am **Food Safety Risks Associated with Ground Water Contaminants in Irrigation Systems**
Mark Borchardt, Ph.D., USDA National Institute of Food and Agriculture
- 11:55 – 12:25 pm **National Directions in Agriculture, Water and Food Safety**
Jeanette Thurston, Ph.D., USDA National Institute of Food and Agriculture
- 12:25 – 1:35 pm Lunch and Technology Showcase

SESSION 3: PROCESS/WASH WATER SAFETY

Session Chairs: Ruth Petran, Ph.D. and Mary Lou Tortorello, Ph.D.

- 1:35 – 2:05 pm **Regulatory Considerations for Food Wash Water Innovation**
John Hilgren, M.S., Ecolab
- 2:05 – 2:35 pm **Quantifying Microorganism Transfer in Flume Washing Systems- A Process Analysis Approach**
Greg Fleischman, Ph.D., FDA Center for Food Safety and Applied Nutrition
- 2:35 – 3:05 pm **Integrated Solutions for Flume Water Management**
Kristopher Olson, Ecolab
Tracey Guddendorf, Ecolab
- 3:05 – 3:20 pm Coffee Break

SESSION 4: RECLAMATION AND REUSE WATER SAFETY

Session Chairs: Armand Paradis, Sharon Long, Ph.D., and Jason Wan, Ph.D.

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| 3:20 – 3:50 pm | Water Reuse System for Aquaculture
David Garman, Ph.D., Institute for Fresh Water Science, Wisconsin |
| 3:50 – 4:20 pm | Analytical Techniques for the Detection of Chemical Contaminants to Ensure Water Safety and Quality in the Food Industry
Daniel Quinn, ThermoFisher Scientific |
| 4:20 – 4:50 pm | Water Consumption: Challenges and Opportunities for the Dairy and Cheese Industries
Jean Pierre Berlan, Ph.D., TetraPak |
| 4:50 – 5:00 pm | Closing Remarks
Chuck Czuprynski, Ph.D., University of Wisconsin-Madison |