CAFPA-ASM Washington DC Branch Fall Meeting
November 16, 2017

Venue: FDA-CFSAN Wiley Building, College Park, MD

Agenda

11:30 – 12:15  Registration and Lunch (provided)

12:15 - 12:30  Welcome (ASM and CAFPA)

12:30 – 1:05  Kali E. Kniel, Ph.D.
Professor, Microbial Food Safety, Animal and Food Sciences
College of Agriculture & Natural Resources
University of Delaware, Newark, DE
“We’re all in this together: A One Health Approach to Food Safety”.

1:05 – 1:40  Adam Mumford, Ph.D.
U.S. Geological Survey, Reston, VA
“Impacts of Unconventional Oil and Gas Wastewater on the Structure
and Function of Microbial”

1:40 – 2:15  Eric Brown, Ph.D.
Director, Division of Microbiology, FDACFSAN, College Park, MD
Fellow of the American Academy of Microbiology
“Integrating Modern Genomic Science into Practical Microbiology: The
Case for Food Safety”

2:15 – 3:00  Poster session and Coffee Break

3:00 – 3:45  Keynote Address: Jay Grimes, Ph.D.
Professor, Division of Coastal Sciences, Marine Microbial Ecology,
University of Southern Mississippi, Gulf Coast Research Laboratory,
Ocean Springs, MS
ASM Distinguished Lecturer
Fellow of the American Academy of Microbiology
“Bacteria Hanging Out with Dolphins and Sargassum”

3:45 – 4:00  Concluding Remarks (ASM and CAFPA)
Posters

Evidence of Phenotypic Plasticity in *Salmonella* in Presence of Pelargonic Acid
Govindaraj Dev Kumar, Dumitru Macarisin, and Shirley Micallef
1University of Maryland, College Park, MD
2Food and Drug Administration, Silver Spring, MD

Shift in Microbial Communities in Fresh Produce Processing Environments Before and After Routine Sanitization
Ganyu Gu, Andrea Ottesen, Samantha Bolten, Lan Wang, Padmini Ramachandran, Elizabeth Reed, Steve Rideout, Yaguang Luo, Eric Brown, and Xiangwu Nou
1Environmental Microbiology and Food Safety Laboratory, US Department of Agriculture Agricultural Research Service, Beltsville, MD
2Eastern Shore Agricultural Research and Extension Center, Virginia Tech, Painter, VA
3Center for Food Safety and Applied Nutrition, US Food and Drug Administration, College Park, MD
4Shenyang Agricultural University, Shenyang, China

Assessment of Potluck Panic, an On-line Game for Post-secondary Food Safety Education
Adrienne E.H. Shearer, Dallas G. Hoover, David Abraham, Pamela Martinez, Jeanne Gleason, Barbara Chamberlin, Jeffrey R. Klein, Joan Buttram, Sue Snider, and Kalmia E. Kniel
1Department of Animal and Food Sciences, University of Delaware, Newark, DE
2New Mexico State University, Las Cruces, NM
3Delaware Education Research and Development Center, University of Delaware, Newark, DE

Evaluation of *Listeria monocytogenes* Survival and Infectivity in Non-traditional Agricultural Waters
Samantha Gartley, Brienna Anderson, Shani Craighead, Adam Vanore, Manan Sharma, and Kalmia E. Kniel
1Department of Animal and Food Sciences, University of Delaware, Newark, DE
2US Department of Agriculture Agricultural Research Service, Beltsville, MD

Gut Microbiome Analysis as a Tool to Assess Contaminant Bioavailability
Yesha Shrestha, Denise M. Akob, and Marie-Noele Croteau
1US Geological Survey, Reston, VA
2US Geological Survey, Menlo Park, CA

Microbial Functional Potential in Waters Associated with Natural CO₂ Accumulations in the Southwest United States
Robert Andrews, Denise Akob, Jenna Shelton, Christina DeVera, and Sean Brennan
1US Geological Survey, Reston, VA

Reduction of *Escherichia coli* by UVC treatment in water samples of varying quality
Robert Sherman-Wood and Rohan Tikekar
1University of Maryland, College Park, MD

Using Simulation Modeling to Enhance Quantitative Food Safety Learning
Ruth A. Oni and Robert L. Buchanan
1Nutrition & Food Science Department, University of Maryland, College Park, MD
2Center for Food Safety and Security Systems, University of Maryland, College Park, MD