**Poster Presentations**:

1. Zhao, T., L. Wang, P. Zhao, J. Yuan, G. Richburg, and M. Doyle. 2016. A wash treatment of “Fit-L” on cattle for reduction of foodborne pathogens and its safety on eye evaluation. International Association for Food Protection Annual Meeting Abstract P1-186.
2. Han, D., Y. Hung, and L. Wang.2016. Impact of near-neutral electrolyzed oxidizing water on *Vibrio spp.* in Eastern oyster (*Crassostrea virginica*). International Association for Food Protection Annual Meeting Abstract P1-149.
3. Davenport, C. G., L. Wang, and C. L. Bratcher. 2016. Peracetic acid effects on shelf life and survival of *E. coli* on beef steaks. *Journal of Animal Science*, Supplement 1, p 25.
4. Claire Zoellner1\*, Fabiola Venegas2, John J. Churey1, Jorge Dávila-Aviña2, Yrjo T. Grohn3, Santos Garcia2, Norma Heredia2, Randy W. Worobo1. 2016. Microbial dynamics of indicator microorganisms on fresh tomatoes in the supply chain from México to the USA. International Association for Food Protection Annual Meeting.
5. Abigail B. Snyder, Claudia Guldimann, and Randy W. Worobo. 2016. Cytotoxicity of the novel antifungal protein, thurimycin, against mammalian cell culture. ICFM Annual Conference. Germany.
6. Elizabeth Buerman, Randy W. Worobo, Olga Padilla-Zakour. 2016. Thermal Resistance of Osmophilic Fungi in Low Water Activity Confectionery Model Foods. International Association for Food Protection Annual Meeting
7. Gong, C. and X. Jiang. Pilot study of applying *Salmonella*-specific bacteriophages in a rendering processing plant. ASM South Carolina Regional Annual Meeting. April 11, 2015, Furman University.
8. Gong, C. and X. Jiang. 2016. Bacteriophage Treatment of *Salmonella* Contamination on Workers’ Boots in a Rendering Processing Environment. IAFP Annual Meeting, St. Louis, MO.
9. Zhang, Yueyuan, Han, Inyee, Northcutt, Julie, Hanks, Tim, Pennington, William and Dawson, Paul. 2016. Polydiacetylene sensors interaction with food sanitizers. 2016. SE IFT . University of Georgia-Griffin Campus.
10. Dawson, Paul; Pennington, William; Zhang, Yueyuan; Northcutt, Julie; and Hanks, Tim. 2016.Polydiacetylenes in Food Safety. Clemson Research Conference. Watt Center
11. Zhang, Yueyuan, Han, Inyee and Dawson Paul. 2016. Peach skin antimicrobial activity in turkey meat. Poultry Science Annual Meeting. New Orleans, LA. July.
12. Dawson, P., Northcutt, J., Hanks, T., Pennington, W. and Zhang, Y. 2016. Polydiacetylene applications for food safety. E-Poster at 2nd International Conference on Food Safety and Regulatory Measures, London, UK. June 8, 2016.
13. Yang, H., B. Carlson, I. Geornaras, D. Woerner, J. Sofos, and K. Belk. 2016. Whole Genome Analysis of a Shiga Toxin-Negative *Escherichia coli* O157:H7 Strain C1-057 Isolated from Feedlot Cattle. International Association for Food Protection Annual Meeting Abstract P2-121.
14. Parraga E. K., T. C. Vieira, M. Janes, K. Fontenot, R. C. Williams, V. S. Chhetri, and A. Adhikari. Effectiveness of Ultraviolet (UV-C) light treatment on reducing microbial levels from surface water used for irrigation of cantaloupes. IAFP 2016 annual meeting, Missouri, USA.
15. Chhetri, V. S., K. Fontenot, R. Strahan, R. C Williams, K. J Parraga Estrada and A. Adhikari. Effect of weed levels on microbial die-off rate on watermelon surface in an agricultural setting. IAFP 2016 annual meeting, Missouri, USA.
16. Charles, A.L., H. Wang, E.T. Ryserand D.W Schaffner. 2016. Quantitative risk assessment for *Salmonella* on tomatoes. Abst. Ann, Mtg. Soc. Risk Anal., San Diego, CA, Dec 11-15.
17. Gustafson, R., and E.T. Ryser. 2016. Survival and growth of *Listeria monocytogenes* during production and storage of caramel apples. International Association for Food Protection Annual Meeting Abstract P2-107
18. Alnughaymishi H., and E.T. Ryser. 2016. Impact of cutting speed on *Listeria monocytogenes* transfer during slicing of zucchini squash and cucumbers. International Association for Food Protection Annual Meeting Abstract P2-90
19. Buchholz, S., P. Limcharoenchat, N. O. Hall, S. Jeong, E. T. Ryser, and B P. Marks. 2016. Effects of temperature, water activity, and structure on thermal resistance of *Salmonella* in dates and date paste. International Association for Food Protection Annual Meeting Abstract P2-03
20. Smolinski, H. S., S. Wang, L. Ren, Y. Chen, B. Kowalcyk. E. Thomas and E.T. Ryser. 2016. Quantifying redistribution of *Salmonella* Typhimurium LT2 during simulated commercial production of fresh-cut baby spinach and cilantro. International Association for Food Protection Annual Meeting Abstract P2-84
21. Wang, S., H. S. Smolinski, L. Ren, Y. Chen, B. Kowalcyk, E. Thomas, and E. T. Ryser. 2016. Spread of *Escherichia coli* O157:H7during flume washing and drying of fresh-cut Romaine lettuce. International Association for Food Protection Annual Meeting Abstract P1-27
22. Lim, D.M., E.T. Ryser, S.M. Castillo, E.A. Kearns, and R. Gustafson. 2016. Rapid concentration/detection of *E. coli* O157:H7 and *Listeria monocytogenes* from produce wash water. Abst. USDA NIFA Project Director’s Meeting, St. Louis, MO July 30.
23. Marks, B.P., J. Tang, E.T. Ryser, S. Wang, and S. Jeong. 2016. Factors affecting pasteurization efficacy for *Salmonella* in low moisture foods. Abst. USDA NIFA Project Director’s Meeting, St. Louis, MO July 30.
24. Chopra, S., S. Dhumal, P. Abeli, E.T. Ryser, R Beaudry and E. Almenar. 2016. Moisture regulation to control microbial growth on packaged produce. United Fresh, Chicago, IL, June 20-22.
25. Shah, M. K., G. Asa, K. Graber, J. Sherwood, and T. M. Bergholz. 2016. Inactivation Of Pathogens On Peppercorns And Sunflower Kernels Using A Pilot Scale Vacuum Steam Pasteurization System. International Association for Food Protection Annual Meeting Abstract P2-14
26. Steckler, A. J., M. Cardenas Alvarez, N. Dyer, and T. M. Bergholz. Genetic characterization of *Listeria monocytogenes* isolated from cases of Listeriosis in Ruminants in the Upper-Midwest. American Society for Microbiology Microbe 2016 Meeting, Boston, Massachusetts.
27. Kraft, A. L., W. L. Shelver, J. Sherwood, and T. M. Bergholz. Comparison of Immunomagnetic Separation Beads for Detection of Non-0157:H7 Shiga Toxin Producing *Escherichia coli* in Complex Matrices. American Society for Microbiology Microbe 2016 Meeting, Boston, Massachusetts.
28. Shah, M. K., B. Eklund, G. Asa, K. Graber, J. Sherwood, and T. M. Bergholz. Vacuum Steam Pasteurization for Inactivation of Pathogens on Flaxseed and Improvement of Shelf life. American Society for Microbiology Microbe 2016 Meeting, Boston, Massachusetts.
29. Malekmohammadi, S., K. K. Kodjovi, J. Sherwood, and T. M. Bergholz. Influence of genetic and environmental factors on antimicrobial peptide resistance in *L. monocytogenes*. Frontiers in Biomedical Research Symposium, Fargo, North Dakota. June 4, 2016.
30. Gao, X., M.A. Esseili, Z. Lu, L.J. Saif, and Q. Wang. 2016. Recognizing HBGA-like carbohydrates in lettuce by human GII.4 norovirus. Noro2016. Lübeck, Germany. March 17-19, 2016.
31. Deblais, L., Y.A. Helmy, R. Candelero-Rueda, D. Kathayat, H. Huang, S.A. Miller, and G. Rajashekara “Novel anti-*Salmonella* compounds reduce *Salmonella* burden in poultry” ASM Antimicrobial Development meeting (Washington – USA – December 2016).
32. Deblais, L., R. Candelero, Y.A. Helmy, C. Vrisman, S.A. Miller, and G. Rajashekara “A combined genomic and *in vivo* imaging platform to understanding *Salmonella*-tomato plant host interactions” AFRI IAFP meeting (Missouri – USA – July 2016).
33. Deblais, L. Y.A. Helmy, R. Candelero, H. Huang, D. Kathayat, S.A. Miller, and G. Rajashekara “Small molecules, a potential novel control strategy to reduce *Salmonella* burden” I3S meeting (Saint-malo – France – July 2016).
34. Helmy,Y.A., I.I. Kassem, A. Kumar, and R.Gireesh *E. coli* strain Nissle 1917 mitigates *Campylobacter jejuni* invasion and intracellular survival in HT-29 human colonic cells. [6th ASM Conference on Beneficial Microbes](http://r.search.yahoo.com/_ylt=A0LEViarX1FY9QMABSQnnIlQ;_ylu=X3oDMTByNXM5bzY5BGNvbG8DYmYxBHBvcwMzBHZ0aWQDBHNlYwNzcg--/RV=2/RE=1481756716/RO=10/RU=http%3a%2f%2fconferences.asm.org%2findex.php%2f2012-02-09-21-04-52%2fpast-conferences%2f2-uncategorised%2f443-6th-asm-conference-on-beneficial-microbes-2016/RK=0/RS=9b6CpKLUiM_rRP7VCm_DjzttkgU-), Sep 9 - 12, 2016, Seattle, Washington, United States of America.
35. Msuya J. Kinabo J., and Ilic S. Food safety of baby foods, knowledge and observed practices in mothers and caregivers of 6-24 months old children in Tanzania. Agriculture, Nutrition and Health Academy Annual Conference, Addis Ababa (2016)
36. Paden H., Kane K., Mo K., Ettefagh L., Hatsu I., Ilic S. Food Safety Attitudes and Practices Among Cancer Patients Seeking Treatment. Experimental Biology, Chicago IL, (2016)
37. Ercan, D., S. A. Wang, A. Demirci, L. F. LaBorde, R. J. Elias. 2016. Effect of UV-C and pulsed-UV treatments on reduction of *Penicillium expansum* spores and E. coli K12 in a model apple juice. Poster presented at the Institute of Food Technologists Annual Convention. Chicago, Il. July 16–19, 2016.
38. Macarisin, D., A. Wooten, M. Hur, K. Peter, L. F, LaBorde, W. Jurick, Y. Chen. 2016. Incidence and characterization of *Listeria monocytogenes* in stone and pome fruit production continuum. International Association for Food Protection (IAFP) Annual Conference. August 2, 2016.
39. Murugesan L., S. J. Knabel, L. F. LaBorde. 2016. Effect of growth phase on quaternary ammonium chloride tolerance of a predominant and persistent *Listeria monocytogenes* clone from a mushroom processing environment. International Association for Food Protection (IAFP) Annual Conference. August 1, 2016.
40. Nayak, R., J. Ewing, E. Yoder, L. LaBorde. 2016. On-Farm Food Safety Practices and Farm Science Centers in India: Programming Needs and Barriers Penn State Graduate Research Exhibition. University Park. PA. March 24, 2016. (2nd place in Social and Behavioral Science Division). Also presented at the 2016 Penn State Gamma Sigma Delta College of Agricultural Sciences Research Expo. University Park. PA. March 29, 2016.
41. Scheinberg, J., E. Dudley, L. F. LaBorde, J. Campbell, B. Roberts, C. DebRoy, M. DiMarzio, C. Cutter. 2016. The prevalence and characterization of *Escherichia coli* and hygiene indicator bacteria isolated from leafy green produce, beef, and pork obtained from farmers’ markets in Pennsylvania. International Association for Food Protection (IAFP) Annual Conference. August 3, 2016.
42. Tobin, H., R. C. Anantheswaran, L. F. LaBorde. Validation of thermal sanitizing treatments for the elimination of *Listeria monocytogenes* from mushroom slicers. 2016. International Association for Food Protection (IAFP) Annual Conference. August 2, 2016.
43. Watson, S. A., S. Doyle, J. A. Scheinberg, and C. N. Cutter. Survey of food safety knowledge, behaviors, and attitudes of farmers’ market consumers in Pennsylvania. Gamma Sigma Delta Research Expo and Penn State Undergraduate Research Expo, March 2016.
44. Castillo, Z., Cai, H., Anding, J., and Taylor, T. M. (2016). Food safety violations observed among mobile food units in three Texas communities. 2016 International Association for Food Protection, St. Louis, MO (P3-25).
45. Ruengvisesh, S., Oh, J. K., Castillo, A., Akbulut, M., Taylor, T., and Cisneros-Zevallos, L. (2016). Escherichia coli can internalize into upper region of tomato stem scar channels. 2016 International Association for Food Protection, St. Louis, MO (P2-87).
46. Frenzel, M. A., Taylor, T. M., Savell, J. W., and Gehring, K. B. (2016). Method of inoculum preparation impacts efficiency of E. coli O157:H7 and Salmonella surrogate organism inoculation onto intact beef during antimicrobial intervention validation. 2016 American Meat Science Association Reciprocal Meat Conference, San Angelo, TX (124).
47. Barnes, S. R., and D.J. D’Amico. 2016. Evaluating the Efficacy of Commercially Produced Protective Cultures for Controlling *Listeria monocytogenes* in Broth, Milk, and High Moisture Cheese. International Association for Food Protection Meeting Abstract P2-145.
48. Kozak, S.M., K.M. Margison, and D.J. D’Amico. 2016. Synergistic Antimicrobial Combinations in the Inhibition and Inactivation of *Listeria monocytogenes* in a Neutral Broth System and Whole Milk. International Association for Food Protection Meeting Abstract P3-140.
49. Kozak, S.M. and D.J. D’Amico. 2016. Identification of Synergistic Antimicrobial Combinations to Control *Listeria monocytogenes* in an Acidified Broth System. American Society for Microbiology Microbe. 2016-A-5899-MICROBE
50. Xie, Jing and Y.-C. Hung. 2016. Development of UV-activated TiO2 nanocomposite food packaging film for antimicrobial application. IFT Ann Mtg. Chicago, IL. July 16-19, 2016. Session 01-54.
51. Chen, Xi and Yen-Con Hung. 2016. Predicting chlorine demand of fresh and fresh-cut produce during washing. The International Association for Food Protection Annual Meeting, St. Louis, MO. July 31-Aug. 3, 2016. Session T10-12.
52. Stasiewicz, M. J., M. Mutuma, J. Muthomi. 2016. Development of a multi-spectral, single-kernel sorter to reduce mycotoxin levels in market corn from Eastern Kenya. Corn Utilization and Technology Conference. St. Louis, MO. June 6 – 8, 2016. P36.
53. Zachary Metz and David J. Baumler, Using Genome-Scale Metabolic Modeling to Compare Serotypes of the Foodborne Pathogen *Listeria monocytogenes*, 4th Conference on Constraint-Based Reconstruction and Analysis, in Heidelberg, Germany on Oct 17th
54. Tong Ding, Xinyu Diao, and David J. Baumler, Microbial Risk Analysis of Produce Grown on a Sustainable Chicken Production Farming System, Institute of Food Technologists annual meeting in Chicago, IL on July 17th, 2016
55. Tong Ding and David J. Baumler, Evaluation of Growth and Metabolic Variations of Salmonella Strains Related to Host-specificity Using Computational Metabolic Models, International Association for Food Protection's annual meeting in St. Louis, MO on August 1st, 2016
56. Lourenco, A., Maserati, A., Fink, R.C., Diez-Gonzalez, F. (2016). The Influence of Water Activity on Salmonella enterica Typhimurium Biofilm’s Thermal Resistance. International association for food Protection: International Association for Food Protection's annual meeting in St. Louis, MO on August 1st, 2016
57. Alice Maserati, Francisco Diez-Gonzalez, Antonio Lourenco, and Ryan C. Fink (2016). Comparison of Salmonella enterica Typhimurium and Escherichia coli O157:H7 Survival and Adaptation to Desiccation, Low Water Activity, and Thermal Tolerance. American Society for Microbiology: ASM Microbe 2016. Boston (MA) - Poster
58. Chenggeer, L. Li, J. Jones, M. Chen, Q. Yu, and A. Mustapha. 2016. Prevention of mixed-species biofilm formations on stainless steel and plastic surfaces by a nanoscale plasma coating. International Association for Food Protection Annual Meeting Abstract P3-160.
59. Gao, G., H. Yu, H. Sun, and A. Mustapha. 2016. Effects of a novel compound on the cytotoxic activity of Shiga toxin-producing *Escherichia coli* O157. International Association for Food Protection Annual Meeting Abstract P3-157.
60. Li, L., J. Jones, Q. Yu, M. Chen, and A. Mustapha. 2016. Effects of a nanoscale plasma coating on virulence gene expression in pathogenic biofilm. International Association for Food Protection Annual Meeting Abstract P1-166.
61. Liu, Y., P. Singh, and A. Mustapha. 2016. Multiplex real-time PCR assay for reliable detection of *Salmonella*. International Association for Food Protection Annual Meeting Abstract P1-108.
62. Yu, H., Y. Xu, F. Gao, H. Tang, A. Mustapha, and Hongmin Sun. 2016. Down-regulation of flagellinin CytR mutant leads to an attenuation in virulence of *Escherichia coli* O157:H7. International Association for Food Protection Annual Meeting Abstract T6-04.
63. Yuan, Y., G. Zheng, and A. Mustapha. 2016. Detection of viable *Escherichia coli* in environmental water using a combined propidium monoazide staining-real-time PCR. International Association for Food Protection Annual Meeting Abstract P3-65.
64. Callahan, Z., C. Lorenzen, K. Shircliff, D. Reynolds, A. Mustapha, and B. Wiegand.  2106.  What causes shelf life deterioration in ground beef?  Reciprocal Meat Conference, Meat Sci.112:141-142.
65. Yard, C., and D. H. D'Souza. 2016.  Grape Seed Extract for the Reduction of Tulane Virus, a Cultivable Human Norovirus Surrogate.  Proceedings Institute of Food Technologists Annual Meeting Abstract P03-41.
66. Joshi, S., A. Howell, and D. H. D'Souza.  2016.  Comparison of the Activity of Monomeric, Dimeric and Polymeric Polyphenols from Blueberries Against Hepatitis A Virus. American Society for Microbiology Annual Meeting Abstract. P-138.
67. E. Simmons, P. Davidson, Q. Zhong, F. Critzer. 2016. The use of a commercial naturally-occurring citrus-based sanitizer to prevent cross-contamination of Listeria monocytogenes on the surface of organic cantaloupes. The 2016 Annual Meeting of the International Association for Food Protection, July 31- August 3, St. Louis, MO.
68. Gorman, S., D. Smith, L. Dunn, A. Wszelaki, F. Critzer. 2016. Food safety risk reduction by in-line disinfection for contaminated irrigation water on drip-irrigated cabbage. The 2016 Annual Meeting of the International Association for Food Protection, July 31- August 3, St. Louis, MO.
69. Murphy, L, F. Critzer, P. Perkins, B. Bedard, and J. Richards. 2016. Industry’s perception of economically motivated adulteration and related risk factors. The 2016 IFT Annual Meeting, July 16-19, Chichago, IL.
70. Chang, A. Kinchla, A. September 2016. Development of a Produce Sanitizer SOP, Food Safety Twilight. UMass Research Farm. South Deerfield, MA.
71. Harper, K., Kinchla, A. September 2016. Finding a Brush Washer Standard Sanitation Operating Procedure, Food Safety Twilight. UMass Research Farm. South Deerfield, MA.
72. Carlisle, T., Kinchla, A.J. 2016. Profiles of Postharvest Agricultural Water in Western Massachusetts. International Association of Food Protection Annual Meeting, Abstract P1-21.
73. Gensler, C., Lawton, M., Kinchla, A.J. 2016. Identifying Best Management Practices for Produce Brush Washer. UMass Center of Agriculture, Food and the Environment. Undergraduate Research Competition. Amherst, MA.
74. Gensler, C., Lawton, M., Kinchla, A.J.. 2016. Leveraging Seasonal Variation and Identifying Best Management Practices for Produce Brush Washer. International Association of Food Protection, St. Louis, MO.
75. Lawton, M., Kinchla, A.J. 2016. Assessing Food Safety Risks On-farm Through Environmental Monitoring. International Association of Food Protection, St. Louis, MO.

International Association of Food Protection, St. Louis, MO.

1. Carlisle, T., Kinchla, A.J. 2016. Quality survey of postharvest wash water from farms in western Massachusetts. Strategic Research Alliance, UMass, Amherst.
2. Koerfer, B., J. Sogin, A. Gruen, and B.H. Ingham. 2016. Comparative survival of *Listeria monocytogenes*, *Salmonella enterica*, and Shiga toxin-producing *Escherichia coli* in a produce model system and on fresh-cut retail produce in the presence of native microflora. International Association for Food Protection Annual Meeting. St. Louis, MO. July 31-August 3, 2016.
3. Maus, A., J. Anders, B. Bisha B, and F. Basile. 2016. Differentiation of Bacteria at the Strain Level by MALDI-MS of Proteins >15kDa. 64th American society for Mass Spectrometry Annual Conference. June 5-9, San Antonio, TX.
4. Chandler, C., A. Franklin, S. Shriner, J. Root, J. Anders, B. Wang, and B. Bisha. 2016. Synanthropic Wildlife Associated with Livestock Production as Carriers of High Priority Antimicrobial Resistances. International Association for Food Protection Annual Meeting. July 31- August 3, St. Louis, MO.
5. Anders, J., B. Wang, C. Chandler, J. Prenni, A. Franklin, J. Carlson, J. LeJeune, and B. Bisha. 2016. MALDI-TOF MS Biotyping in the Characterization of Antimicrobial-resistant *Enterococcus* spp. from Wildlife Associated with Concentrated Animal Feeding Operations. International Association for Food Protection Annual Meeting. July 31- August 3, St. Louis, MO.
6. Kang, D. and Eifert, J. 2015. Use of a Quantitative Microbial Risk Assessment Model to Estimate Exposure to *Campylobacter* from Consumption of Chicken in the United States. Society for Risk Analysis Annual Meeting, Washington, DC, Dec. 6-10, 2015.
7. Guron, G., P. Ray, M. Ponder, and A. Pruden.  2016.  Assessing the potential for antibiotic resistant bacteria to carry over from soil amendments to vegetable surfaces: A greenhouse study. International Association for Food Protection Annual Meeting Abstract P2-120. Presented August 2, 2016. St. Louis, MO.
8. Pulido, N., V. Dharmarha, R. Boyer, M. Ponder, and A. Pruden.  2016.  Effect of Sanitizers on the survival of antibiotic resistant bacteria applied to carrots through contaminated compost. International Association for Food Protection Annual Meeting Abstract P2-117. Poster presented August 2, 2016. St. Louis, MO.
9. Duong, M., L. Yang, W. Wallner, B. Ong, B. Chapman, T. Archibald, R. William, and R. Boyer. 2016. Use of focus groups to assess consumer knowledge and behaviors related to the safe handling of mechanically tenderized and enhanced beef products. 2016 STEC CAP Annual Conference. Lincoln, NE. June 14-16.
10. di Stefano, J., R. Boyer, M. Duong, B. Chapman, M. Ponder, and L. Strawn. 2016. Microbial quality of leafy greens and herbs purchased from farmers’ markets in Virginia and North Carolina. International Association for Food Protection Annual meeting, St. Louis, MO. July 25-28.
11. Stark, M., S. Pollard, R. Boyer, J. Boron, J. di Stefano, M. Ponder, and R. C. Williams. 2016. The prevalence of antibiotic-resistant bacteria in fresh produce purchased from farmers’ markets and grocery outlets. International Association for Food Protection Annual meeting, St. Louis, MO. July 25-28.
12. Brown, E., J. di Stefano, M. Duong, L. Yang, R. Boyer, G. Gu, and S. Rideout. 2016. Antimicrobial-resistance of *Salmonella enterica* environmental isolates from the Eastern Shore of Virginia. International Association for Food Protection Annual meeting, St. Louis, MO. July 25-28.

**Oral Presentations**:

1. Zhao, T., Wang, L., Zhao, P., Yuan, J., Richburg, G., and Doyle, M. 2016. A wash treatment of “Fit-L” on cattle for reduction of foodborne pathogens and its safety on eye evaluation. International Association for Food Protection annual meeting. St. Louis, MO. July 31-August 3, 2016.
2. Han, D., Hung, Y., and Wang, L. 2016. Impact of near-neutral electrolyzed oxidizing water on *Vibrio spp.* in Eastern oyster (*Crassostrea virginica*). International Association for Food Protection annual meeting. St. Louis, MO. July 31-August 3, 2016.
3. Davenport, C. G., Wang, L.**,** and Bratcher, C. L. 2016. Peracetic acid effects on shelflife and survival of *E. coli* on beef steaks. American Society of Animal Science Southern Section annual meeting, San Antonio, TX. February 6-9, 2016.
4. S.R. Kitchens, J.C. Wright, S.H. Duran, and S.B. Price. 2015. Factors influencing environmental *Salmonella* incidence and proximal movement in a multi-species animal facility. AU-CVM Phi Zeta Research Emphasis Day, Auburn, AL. November, 2015.
5. J. Forrest Shirley, S.R. Kitchens, P.H. Walz, J.C. Wright and S.B. Price. 2015. Characterization and simplification of a bacteriophage cocktail to reduce *Salmonella* lymph node carriage in calves. AU-CVM Phi Zeta Research Emphasis Day, Auburn, AL. November, 2015.
6. R Worobo. October 19, 2016. HPP and nonthermal processing options for the enhancement of food safety and quality. Beijing, China.
7. R Worobo. October 7, 2016. Lactic acid bacteria and determining food spoilage end points.. Moncton, NB.
8. R Worobo. October 5, 2016. Lactic acid bacteria and determining food spoilage end points. Montreal, QC.
9. R. Worobo. October 3, 2016. Addressing Clean Label Requirements. BRF. NY.
10. R. Worobo. September 23, 2016. Cornell HPP Validation Center. NYS Food Protection Annual Meeting. Syracuse, NY.
11. R Worobo. September 15, 2016. The complexity of determining spoilage and shelf life for various foods. 3M Minneapolis, MN.
12. R Worobo. July 31, 2016. Lactic acid bacteria and determining food spoilage end points. St. Louis, MO.
13. R Worobo. June 7, 2016. Nonthermal processing methods to enhance the safety of foods. South American ILSI conference. San Jose, Costa Rica.
14. R Worobo. May 25, 2016. Nonthermal processing options for the food industry. Food Innopolis. Bangkok, Thailand.
15. R Worobo. March 14, 2016. Food Safety Outbreaks. NYC, NY.
16. R. Worobo. March 4, 2016. Bottling Line and Filler Sanitation. NYS Wine Industry Workshop. Rochester, NY.
17. R Worobo. February 12, 2016.
18. R. Worobo. January 17, 2016. HACCP and compliance by the food industry. Bangalore, India.
19. Northcutt, J.K. Safe food handling of fruits and vegetables. 2015. SC Department of Education, School Food Service Directors, Farm-to-School Program. Columbia, SC. February and September.
20. Northcutt, J.K. 2015. Smart lunchroom movement to improve nutrition in school-aged children. Family and Community Leaders, Columbia, SC. January.
21. Northcutt, J.K. 2015. Food Safety Modernization Act and Produce Safety. SC Food Policy Council Meeting. Columbia, SC. February.
22. Scott, B. R., H. E. Davis, R. C. Kiel, I. Geornaras, R. Delmore, and K. E. Belk. 2016. Validation of antimicrobial interventions including use of peroxyacetic acid (PAA) in a spray chill system and a head spray cabinet in a commercial beef harvest operation. Beef Industry Food Safety Council, National Cattleman's Beef Association, Denver, CO, United States.
23. Martin, J. N., D. R. Woerner, R. Delmore, J. D. Tatum, and K. E. Belk. 2016. Beef’s role in the healthy diet. 2016 Association of Animal Science Meeting in Salt Lake City, UT.
24. Gleason, JB, Chamberlin, B. A., Conference of Food Engineering, Society of Food Engineering, Columbus, Ohio, "Enhancing Stakeholder Understanding of Food Engineering Research" (September 12, 2016).
25. Gleason, JB, Chamberlin, BA, Society for Nutrition Education and Behavior Annual Conference, Society for Nutrition Education and Behavior, San Diego, CA, "Food Safety and Nutrition Educational Tools from NMSU’s Media Productions" (July 31, 2016).
26. Ulery, AL, White, L, Chamberlin, BA, Gleason, JB, Beltran, N, NACTA, Honolulu, HI, "Digital Tools to Teach Chemistry in Agriculture" (June 22, 2016).
27. Gleason, JB, Chamberlin, BA, Muise, AS, CONSERVE (**CO**ordinating **N**ontraditional **S**ustainable wat**ER** Use in **V**ariable climat**E**s) Grant Project Meeting, University of Maryland, USDA, Baltimore, MD, "NMSU Media Development" (April 2016).
28. Gleason, JB, Chamberlin, BA, Powers, S, Sohn, E, NoroCORE Full Collaborative and Stakeholders Meeting, NoroCORE Food Virology—Collaborative for Outreach, Research & Education, Crystal City, VA, "NMSU's Visual Media for NoroCORE Education and Outreach" (April 13, 2016).
29. Chamberlin, BA, Gleason, JB, S1056 Food Safety Research Annual Meeting, USDA, Naraggansett, RI, "Using Media to Reach Food Safety Audiences" (October 6, 2015).
30. Wang, Q. (invited speaker). 2016. Recognition of HBGA-like carbohydrates in lettuce by human GII.4 norovirus. NoroCORE annual meeting. Crystal city, VA, USA. April 13-15, 2016.
31. Gao, X., M.A. Esseili, L.J. Saif, L. Lindesmith, R.S. Baric, B. Kou, M.K. Estes, R.L. Atmar, and Q. Wang. 2016. Comparison of the binding of GII.4 and GI.1 human norovirus strains to lettuce. 6th International Calicivirus Conference. Savannah, GA. October 9-13, 2016.
32. Ercan, D., S. A. Wang, A. Demirci, L. F. LaBorde, R. J. Elias. 2016. Effect of UV-C and pulsed-UV treatments on reduction of *Penicillium expansum* spores and E. coli K12 in a model apple juice. Oral presentation at the American Society for Agricultural and Biological Engineering. Orlando, Florida. July 17-20, 2016.
33. LaBorde, L. F. 2016. Incidence and fate of *Listeria monocytogenes* during mushroom growing, packing, and processing. International Society for Mushroom Science (ISMS) Conference. Amsterdam, The Netherlands. May 30, 2016. Conference proceedings published in: Science and cultivation of edible and medicinal fungi: Mushroom Science IXX. Proceedings of the 19th Congress of the International Society for Mushroom Science. Pages 9-13. Amsterdam, The Netherlands, 30 May–2 June 2016. Baars J.J.P. & Sonnenberg A.S.M., ed.
34. Gibson, K. E. 2016. Role of Freshwater Sediments in the Survival and Transport of Human Pathogens in the Environment. University Council on Water Resources/National Institute for Water Resources Conference Session 21.
35. Gibson, K. E. and D. M. Conover. 2016. Prevention and Control of Human Norovirus Transmission in Food Service Environments: Current Research and Progress. Mid-Continental Association of Food and Drug Officials Annual Meeting.
36. Gibson, K. E. 2016. Emerging Topics in Norovirus Research and Progress Towards Minimizing Food Safety Risks at Farmers Markets. FDA Food/Feed Rapid Response Team Teleconference.
37. Barnes, S. R., and D.J. D’Amico. 2016. Survival and Growth of *Listeria monocytogenes* on Queso Fresco Cheese Stored Under Modified Atmospheres. ADSA/ASAS Joint Annual Meeting.
38. D'Amico, Dennis. *Listeria* and the dairy processing environment. 2016. Wisconsin Association for Food Protection Fall Workshop and Annual Business Meeting.
39. D'Amico, Dennis. Practices and Programs to Ensure the Safety of Artisan Cheese. Presented as part of the ADSA Multidisciplinary and International Leadership Keynote (MILK) Symposium: Marketing milk for entrepreneurial and big business value. 2016 Joint Annual Meeting of the American Society for Animal Science/American Dairy Science Association.
40. D'Amico, Dennis. Pathogen Behavior in Cheese. Deep Dive session presented at the 2016 annual conference of the American Cheese Society. Des Moines, IA.
41. D'Amico, Dennis., M. Wiedmann, and S. Doughty. The L-word- Listeria. Presented at the 2016 annual conference of the American Cheese Society. Des Moines, IA.
42. Hung, Yen-Con and V. K. Yemmireddy. 2016. Coating photocatalytic TiO2 nanoparticles on plastic cutting board for microbial inactivation. 18th IUFoST World Congress. Dublin, Ireland. Aug. 21-25, 2016.
43. Hung, Yen-Con. 2016. Processing technologies to ensure food safety. 2016 International Conference on Food Safety Applications. Kaohsiung, Taiwan. Sept. 28-30, 2016.
44. Stasiewicz, M.J. 2015. Whole Genome Sequencing – A Flexible Tool for Food Safety and Outbreak Investigation. 11th SLACA – Latin American Symposium of Food Science: “Food Science: Quality of Life and Healthy Ageing”. Campinas, São Paulo, Brazil. Nov. 8 – 11, 2015. Invited Presentation.
45. Zachary P. Metz and David J. Baumler, Using Genome-Scale Metabolic Modeling to Compare Strains of the Foodborne Pathogen *Listeria monocytogenes*, International Association for Food Protection's annual meeting in St. Louis, MO on August 1st, 2016
46. Zachary P. Metz and David J. Baumler, Using Genome-Scale Metabolic Modeling to Compare Strains of the Foodborne Pathogen *Listeria monocytogenes*, Institute of Food Technologists annual meeting in Chicago, IL on July 18th, 2016
47. David J. Baumler, Using Genome-scale Metabolic Models of Foodborne Pathogens to Address Human Disease and Food Safety, International Association for Food Protection's 12th European Symposium on Food Safety in Athens, Greece on May 13th, 2016
48. Maserati, A., Fink, R.C., Lourenco, A., Diez-Gonzalez, F. (2016). Identification of Two Virulence Genes Involved in Salmonella’s Ability to Survive Desiccation. International association for food Protection: International Association for Food Protection's annual meeting in St. Louis, MO on August 1st, 2016– T3-03.
49. Engineered nanoparticles: Antimicrobial properties and toxicity. 2016. Asia-Pacific International Food Safety Conference. Penang, Malaysia, October 11-13.
50. Antimicrobial properties and toxicity of engineered nanoparticles. 2016. Nanotechnology and Catalysis Research Centre, University of Malaya, Kuala Lumpur, Malaysia, October 14.
51. Mustapha, A. 2016. Nanotechnology in Food Safety. MO Milk, Food and Environ. Health Assoc. Annual Meeting, Springfield, MO, April 7.
52. Sewlikar, S., and D. H. D'Souza.  2016.  Survival of Hepatitis A Virus and Aichi Virus in Cranberry-based Juices at 4°C.  International Association for Food Protection Annual Meeting, Abstract T12-07.
53. Ailavadi, A., Davdison, P. M., and D. D’Souza. Commercially available citrus-based and quillaja extracts against Tulane virus. International Association for Food Protection Annual Meeting, Abstract, T7-07.
54. L. Dunn. 2016. Filling the Pipeline: Considerations for Novel Sanitizers in Organic Production. The 2016 American Society for Horticultural Science Annual Conference, August 8-11, Atlanta, GA.
55. Kinchla, A.J. 2015. Applied Research for Improved Post-harvest Produce Washing. New England Vegetable Growers Conference, Manchester, NH.
56. Bisha, B. 2016. Paper-Based Analytical Devices for Detection of Foodborne Bacteria. Third Annual Rapid Detection for Food Safety Conference, June 27-28, Baltimore, MD.
57. Ponder, M., J. Newkirk, J. Wu, and R. Williams.  2016.  Survival of *Salmonella enterica* and a Surrogate Microorganism, *Enterococcus faecium*, on Whole Black Peppercorns and Cumin Seeds Subjected to Ethylene Oxide Fumigation. International Association for Food Protection Annual Meeting Abstract T3-04. presented August 1, 2016. St. Louis, MO.
58. Caver, C., Newkirk, J., Williams, RC, Ponder, M.and Eifert, J. 2016. Recovery of *Salmonella* from Steam and Ethylene Oxide-Treated Spices Using Supplemented Agar with Overlay. International Association for Food Protection Annual Meeting. St. Louis, MO
59. Yang, L., M. Duong, B. Chapman, T. Archibald, R. C. Williams, M. Schroeder, N. Arnold, R. Boyer. 2016. Use of focus groups to assess consumer knowledge and behaviors related to safe handling of mechanically tenderized and enhanced beef products. International Association for Food Protection Annual meeting, St. Louis, MO. July 25-28.

**Peer Reviewed Scientific Publications**

1. Zhao, T., L. Wang**,** P. Zhao, J. Yuan, G. Richburg, and M. P. Doyle. 2016. Reduction of Shiga toxin-producing *E. coli* and *Salmonella* Typhimurium on cattle hides by spray treatment with “Fit-L” (Levulinic acid plus sodium dodecyl sulfate). *MOJ Food Processing & Technology*. 2(5): 00049.
2. Broady, J. W., D. Han, J. Yuan, C. Liao, C. L. Bratcher, M. R. Lilies, E. H. Schwartz, and L. Wang. 2016. Survival and metabolic activity of *Listeria monocytogenes* on Ready-to-eat roast beef stored at 4 °C. *J. Food Sci.* 81(7): M1766-1772.
3. DeGeer, S. L., L. Wang**,** G. N. Hill, M. Singh, S. F. Bilgili, and C. L. Bratcher. 2016. Optimizing application parameters for lactic acid and sodium metasillicate against pathogens on fresh beef, pork and deli meats. *Meat Sci.* 118: 28-33.
4. Fisher, K. D., C. L. Bratcher, S. F. Bilgili, W. F. Owsley, T. Jin, and L. Wang. 2016. Evaluation of a novel antimicrobial solution and its potential for control *E. coli* O157:H7, non-O157:H7 shiga toxin-producing *E. coli*, *Salmonella spp.*, and *Listeria monocytogenes* on beef. *Food Control.* 64: 196-201.
5. Plata, and M. Singh. 2016. Evaluating best practices for *Campylobacter* and *Salmonella* reduction in poultry processing plants. *Poultry Sci.* 95(2): 306-315.

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| 1. J Usaga, DC Manns, CI Moraru, RW Worobo, OI Padilla-Zakour. 2017. [Ascorbic acid and selected preservatives influence effectiveness of UV treatment of apple juice](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=dsQkp8AAAAAJ&sortby=pubdate&citation_for_view=dsQkp8AAAAAJ:wbdj-CoPYUoC). LWT-Food Science and Technology 75, 9-16. |
| 1. C Zoellner, F Venegas, JJ Churey, J Dávila-Aviña, YT Grohn, S García,. 2016. [Microbial dynamics of indicator microorganisms on fresh tomatoes in the supply chain from Mexico to the USA](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=dsQkp8AAAAAJ&sortby=pubdate&citation_for_view=dsQkp8AAAAAJ:5ugPr518TE4C). International Journal of Food Microbiology 238, 202-207. |
| 1. LF Pivarnik, NL Richard, RK Gable, RW Worobo. 2016. [Knowledge and Attitudes of Produce and Seafood Processors and Food Safety Educators Regarding Nonthermal Processes](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=dsQkp8AAAAAJ&sortby=pubdate&citation_for_view=dsQkp8AAAAAJ:bnK-pcrLprsC). Journal of Food Science Education 15 (4), 120-128. |
| 1. AB Snyder, JJ Churey, RW Worobo. 2016. [Characterization and control of Mucor circinelloides spoilage in yogurt](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=dsQkp8AAAAAJ&sortby=pubdate&citation_for_view=dsQkp8AAAAAJ:kRWSkSYxWN8C). International journal of food microbiology 228, 14-21. |

1. AB Snyder, RW Worobo, A Orta‐Ramirez. 2016. [Undergraduate Laboratory Exercises Specific to Food Spoilage Microbiology](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=dsQkp8AAAAAJ&sortby=pubdate&citation_for_view=dsQkp8AAAAAJ:1qzjygNMrQYC). Journal of Food Science Education 15 (3), 78-82.
2. AR Uesugi, LC Hsu, RW Worobo, CI Moraru. 2016. [Gene expression analysis for Listeria monocytogenes following exposure to pulsed light and continuous ultraviolet light treatments](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=dsQkp8AAAAAJ&sortby=pubdate&citation_for_view=dsQkp8AAAAAJ:tS2w5q8j5-wC). LWT-Food Science and Technology 68, 579-588.
3. Solis, A.A., Gadory, D., Worobo, R.W. 2016. An in vitro and in vivo evaluation of peroxyacetic acid as an alternative sanitizer for wine barrels. Ciência e Técnica Vitivinícola 31:41-50.
4. Usaga, J., Padilla-Zakour, O.I., Worobo, R.W. 2016. UV tolerance of spoilage microorganisms and acid –shocked and acid-adapted *Escherichia coli* in apple juice treated with commericial UV juice-processing unit. J. Food Prot. 79(2): 294-298.
5. Uesugi, A.R., Hsu, L.C., Worobo, R.W., Moraru, C.I. 2016. Gene expression analysis for *Listeria monocytogenes* following exposure to pulsed light and continuous ultraviolet light treatments. LWT. 68: 579-588.
6. Gong, C. and X. Jiang. 2016. Characterizing *Salmonella* Contamination in Two Rendering Processing Plants. J. Food Prot. (in press)
7. Gong, C. and X. Jiang. Application of Bacteriophages to Reduce *Salmonella* Biofilms and Attachment on Hard Surfaces. Poultry Sci. (under revision)
8. Han, Dong, Han, Inyee and Dawson, Paul. 2016: Combining modified atmosphere packaging and nisin to preserve Atlantic Salmon. Food Packaging and Shelf Life. Accepted , 2016.
9. Dawson, P., Northcutt, J., Parisi, M. and Han, I. 2016 Bioaerosol formation and bacteria transfer from commercial automatic hand dryers. Journal of Food Microbiology, Safety and Hygiene. 1(2): Published online: <http://www.omicsonline.org/open-access/bioaerosol-formation-and-bacterial-transfer-from-commercial-automatichand-dryers-.pdf> .
10. Bartz, M., Buyukyavuz, A., Dawson, E., Diener, M., Gates, R., Han, I., Johnson, L., Marvin, P., Musselwhite, C., Nicholson, A., Randar, D., Ritterpusch, M., Zazzara, M., Dawson, P. 2016. Transfer of *Escherichia coli* while using salad tongs. Journal of Food Microbiology, Safety and Hygiene. Published August 1, 2016. Online open access 1(2): <http://www.omicsonline.org/open-access/transfer-of-escherichia-coli-while-using-salad-tongs-.pdf>
11. Zhang, Y., Hanks, T., Miller, I., Pennington, W., Northcutt, J. Han, I. Jelinek, R., and Dawson, P. 2016. Polydiacetylene sensor interaction with food sanitizers and surfactants. Food Chemistry. Accepted
12. Huerta-Leidenz, N. M. S. Rubio Lozano, C. Dixon, A. Valdez, K. Belk, S. Howard, and F. Alejandro Ruíz López.  2016.  Comparación de suadero de los Estados Unidos de América y de México con y sin tratamiento de marinación: Comparison of rose meat from the U.S. and Mexico with and without margination.  *Rev. Mex. Cienc. Pecu.*  7:253-262.
13. Huerta-Leidenz, N., S. T. Howard, A. Ruíz Flores, T. M. Ngapod, and K. E. Belk.  2016.  A survey of Mexican retail chain stores for fresh U.S. pork.  *Meat Sci.* 119:165–173.
14. Ko, K. Y., I. Geornaras, O. A. Byelashov, H.-D. Paik, K.-T. Kim, and J. N. Sofos. 2016. Thermotolerance of rifampicin-resistant *Escherichia coli* O157:H7 derivatives and their parental strains in a broth system. *J. Food Safety* 36:3-10.
15. Lakin, S. M., C. Dean, N. R. Noyes, A. Dettenwanger, A. Spencer Ross, E. Doster, P. Rovira, A. Abdo, K. L. Jones, K. E. Belk, P. S. Morley, and C. Boucher.  2016.  MEGARes: an antimicrobial database for high throughput sequencing.  *Nucleic Acids Res.* 45: DOI: 10.1093/nar/gkw1009.
16. Luzardo, S., D. R. Woerner, I. Geornaras, A. M. Hess, and K. E. Belk. 2016. Effect of packaging during storage time on retail display microbial population of beef strip loins from two different production systems. *J. Anim. Sci.* 94:2614-2623.
17. Luzardo, S., D. R. Woerner, I. Geornaras, T. E. Engle, R. J. Delmore, A. M. Hess, and K. E. Belk.  2016.  Effect of packaging during storage time on retail display microbial populations of beef strip loins from two different production systems.  *J. Anim. Sci.*  94:2614-23. doi: 10.2527/jas.2016-0290
18. Luzardo, S., D. R. Woerner, I. Geornaras, T. E. Engle, R. J. Delmore, A. M. Hess, and K. E. Belk. 2016. Effect of packaging during storage time on retail display shelf life of longissimus muscle from two different beef production systems. *J. Anim. Sci.* 94:2624-2636.
19. Lyte, J., J. F. Legako, J. N. Martin, L. D. Thompson, K. Surowiec, and J. C. Brooks. Gas chromatographic/mass spectrophotometric directed volatile compound characterization of modified atmosphere packaged ground beef held under temperature abuse. *Food Control*. 59: 1-6.
20. Moschonas, G., I. Geornaras, J. D. Stopforth, D. R. Woerner, K. E. Belk, G. C. Smith, and J. N. Sofos. 2015. Effect of product dimensions and surface browning method on *Salmonella* contamination in frozen, surface-browned, breaded chicken products treated with antimicrobials. *J. Food Sci.* 80:M2815-M2821.
21. Noyes, N. R., X. Yang, L. M. Linke, R. J. Magnuson, A. Dettenwanger, S. Cook, I. Geornaras, D. E. Woerner, S. P. Gow, T. A. McAllister, H. Yang, J. Ruiz, K. L. Jones, C. A. Boucher, P. S. Morley, and K. E. Belk. 2016. Resistome diversity in cattle and the environment decreases during beef production. *eLife* 2016;5:e13195. doi: 10.7554/eLife.13195.
22. Noyes, N., X. Yang, L. Linke, R. Magnuson, S. Cook, R. Zaheer, H. Yang, D. Woerner, I. Geornaras, J. McArt, S. Gow, J. Ruiz, K. Jones, C. Boucher, T. McAllister, and K. Belk. 2016. Characterization of the resistome in manure, soil and wastewater from dairy and beef production systems. *Sci. Rep.* 6:24645. doi: 10.1038/srep24645.
23. Pokharel, S., J.C. Brooks, J. N. Martin, and M. M. Brashears. 2016. Antimicrobial susceptibility and internationalization of *Salmonella* Typhimurium in vacuum-tumbled marinated beef products. *Letters Appl. Micro*. 63: 412-418.
24. Pokharel, S., J. C. Brooks, J. N. Martin, A. Echeverry, A. Parks, B. Corliss, and M. M. Brashears. 2016. Internalization and thermal susceptibility of shiga-toxin producing *Escherichia coli* (STEC) in marinated beef products. *Meat Sci.* 116:213-220.
25. Scott, B. R., X. Yang, I. Geornaras, R. J. Delmore, D. R. Woerner, J. M. Adler, and K. E. Belk. 2015. Antimicrobial efficacy of a lactic acid and citric acid blend against Shiga toxin-producing *Escherichia coli*, *Salmonella*, and nonpathogenic *Escherichia coli* biotype I on inoculated prerigor beef carcass surface tissue. *J. Food Prot.* 78:2136-2142.
26. Scott, B. R., X. Yang, I. Geornaras, R. J. Delmore, D. R. Woerner, J. O. Reagan, J. B. Morgan, and K. E. Belk. 2015. Antimicrobial efficacy of a sulfuric acid and sodium sulfate blend, peroxyacetic acid, and cetylpyridinium chloride against *Salmonella* on inoculated chicken wings. *J. Food Prot.* 78:1967-1972.
27. Yang, H., B. Carlson, I. Geornaras, D. Woerner, J. Sofos, and K. Belk. 2016. Draft genome sequence of Shiga toxin-negative *Escherichia coli* O157:H7 strain C1-057, isolated from feedlot cattle. *Genome Announc*. 4:e00049-16. doi:10.1128/genomeA.00049-16.
28. Yang, X., D. R. Woerner, K. R. McCullough, J. D. Hasty, I. Geornaras, G. C. Smith, J. N. Sofos, and K. E. Belk.  2016.  An evaluation of the effectiveness of FreshCase technology to extend the storage life of whole-muscle pork and ground pork sausage.  *J. Anim. Sci.* 94:4921–4929 (doi:10.2527/jas2016-0509).
29. Yang, X., D. R. Woerner,1 J. D. Hasty, K. R. McCullough, I. Geornaras, J. N. Sofos, and K. E. Belk.  2016.  An evaluation of the effectiveness of FreshCase technology to extend the storage life of whole muscle beef and ground beef.  *J. Anim. Sci.* 94:4911–4920 (doi:10.2527/jas2016-0508).
30. Yang, X., N. R. Noyes, E. Doster, J. N. Martin, L. M. Linke, R. J. Magnuson, H. Yang, I. Geornaras, D. Woerner, K. L. Jones, J. Ruiz, C. Boucher, P. S. Morley, and K. E. Belk. 2016. Use of metagenomic shotgun sequencing technology to detect foodborne pathogens within the microbiome of the beef production chain. *Appl. Environ. Microbiol.* 82: 2433-2443.
31. M.E. Gutierrez, M.E. Janes, D.D. Torrico, K.M. Carabante, W. Prinyawiwatkul. 2016. Assessment of the ability of five culture media for the detection of Eshcerichia coli O157. International Journal of food science and Technology, 51:1910-1915.
32. J. Cormier, M. Janes. 2016. Concentration and detection of hepatitis A virus and its indicator from artificial seawater using zeolite. Journal of Virological Methods, 235:1-8.
33. Adhikari, A., K. M. Killinger, C. Cogger, A. Bary, C. James, and G. Unlu. Thermal and starvation stress response of E. coli O157:H7 isolated from agricultural environments. Journal of Food Protection. 79:1673-1679.
34. Davidson, G.R., C.N. Kaminski-Davidson, and E.T. Ryser. 2016. Persistence of *Escherichia coli* O157:H7 during pilot-scale processing of iceberg lettuce using flume water containing peroxyaxetic acid-based sanitizers and various organic loads*. Intern. J. Food Microbiol.* (in revision).
35. Singh, P., M. Silva, E.T. Ryser, S. Ha, and I. Kang. 2016. Recovery of associated and internalized *Salmonella* in broiler skin by stomaching and grinding. *Food Control* (accepted).
36. Wegert, S.L., T.G. Aw, E.T. Ryser, and J.B. Rose. 2016. Postharvest reduction of coliphage MS2 from romaine lettuce during simulated commercial processing with and without a chlorine-based sanitizer. *J. Food Prot*. (accepted)
37. Hildebrandt, I.M., B.P. Marks, E.T. Ryser, R Villa-Rojas, J. Tang, F.J. Garces-Vega, and S.E. Buchholz. 2016. Effects of inoculation procedures on variability and repeatability of *Salmonella* thermal resistance in wheat flour. *J. Food Prot*. (accepted)
38. [Caballero, O.](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Caballero%2C+O.), S. [Alles, S.](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Alles%2C+S.), L. [Quynh-Nhi,](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Quynh-Nhi+Le)  R.L. [Gray,](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Gray%2C+R.+L.) E. [Hosking,](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Hosking%2C+E.) L. [Pinkava](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Pinkava%2C+L.), P. [Norton](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Norton%2C+P.), J. [Tolan](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Tolan%2C+J.), M. [Mozola,](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Mozola%2C+M.) J. [Rice,](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Rice%2C+J.) [Y. Chen](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Yi+Chen), J. [Odumeru](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Odumeru%2C+J.), and E. Ryser. 2016. Validation of modifications to the ANSR *Listeria* method for improved ease of use and performance. *J. AOAC Intern.* 99:98-111.
39. [Caballero, O.](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Caballero%2C+O.), S. [Alles, S.](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Alles%2C+S.), L. [Quynh-Nhi,](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Quynh-Nhi+Le)  R.L. [Gray,](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Gray%2C+R.+L.) E. [Hosking,](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Hosking%2C+E.) L. [Pinkava](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Pinkava%2C+L.), P. [Norton](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Norton%2C+P.), J. [Tolan](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Tolan%2C+J.), M. [Mozola,](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Mozola%2C+M.) J. [Rice,](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Rice%2C+J.) [Y. Chen](http://apps.webofknowledge.com.proxy2.cl.msu.edu/OneClickSearch.do?product=FSTA&search_mode=OneClickSearch&excludeEventConfig=ExcludeIfFromFullRecPage&colName=FSTA&SID=4BD2bw6m2QVWAglrtCr&field=AU&value=Yi+Chen), E. Ryser, and J. Odumeru. 2016. Validation of the ANSR *Listeria monocytogenes* method for detection of *Listeria monocytogenes* in selected food and environmental samples. *J. AOAC Intern.* 99:112-123.
40. Wang, H., and E.T. Ryser. 2016. Quantitative transfer of *Salmonella* during mechanical slicing of tomatoes as impacted by multiple processing variables. *Intern. J. Food Microbiol*. 234:76-82.
41. Scollon, A.M., H. Wang, and E.T. Ryser. 2016. Transfer of *Listeria monocytogenes* during mechanical slicing of onions. *Food Control*. 65:160-167.
42. Page, N., J. González-Buesa, E.T. Ryser, J. Harte, and E. Almenar. 2016. Interactions between sanitizers and packaging gas compositions and their effects on the safety and quality of fresh-cut onions (*Allium cepa* L.). *Intern. J. Food Microbiol.* 208:105-113.
43. Kok, A., W. Brown, K.L. Vorst, E.T. Ryser, and L. Gorman. 2016. Transit temperatures experienced by fresh-cut leafy greens during cross-country shipment. *Food Control* 61:146-155.
44. Benoit, A., B.P. Marks, E.T. Ryser, S. Jeong, and P. Crandall. 2016. Image analysis of a fluorescent physical surrogate for quantifying *Listeria monocytogenes* transfer between delicatessen meats and product contact surfaces. Appl. Eng. Agr. 31.
45. Henley, SC, Gleason, J & Quinlan, JJ 2016. [Don't Wash Your Chicken!: A food safety education campaign to address a common food mishandling practice](https://www.foodprotection.org/publications/food-protection-trends/archive/2016-01-don-t-wash-your-chicken-a-food-safety-education-campaign-to-address-a-common-food-mishandlin/). Food Protection Trends 36(1):43-53.
46. Chamberlin, B, Trespalacios, JH, Muise, AS, Garza, MC (2016). [User Testing in the Learning Games Lab: Getting Valuable Feedback through Frequent Formative Evaluation](http://www.crcnetbase.com/doi/abs/10.1201/b21564-4). In M. A. Garcia-Ruiz (Ed.) Games User Research: A Case Study Approach (pp.55-75). Boca Raton, FL: A K Peters/CRC Press DOI: 10.1201/b21564-4
47. Carroll, L. M., T. M. Bergholz, I. Hildebrandt, and B. P. Marks. 2016. Application of a nonlinear model to transcript levels of upregulated stress response gene *ibpA* in stationary phase *Salmonella enterica* subjected to sublethal heat stress. *J. Food Prot.* 79:1089-1096.
48. Bergholz, T. M., H. C. den Bakker, L. S. Katz, B. J. Silk, K. A. Jackson, Z. Kucerova, L. A. Joseph, M. Turnsek, L. M. Gladney, J. L. Halpin, K. Xavier, J. Gossack, T. J. Ward, M. Frace, and C. L. Tarr. 2016. Determination of evolutionary relationships of outbreak-associated *Listeria monocytogenes* strains of serotypes 1/2a and 1/2b determined by whole genome sequencing. *Appl. Env. Micro.* 82:928-938
49. Gao, X., M.A. Esseili, Z. Lu, L.J. Saif, and Q. Wang. 2016. Recognition of histo-blood group antigen-like carbohydrates in lettuce by human GII.4 norovirus. Appl Environ Microbiol. 82: 2966-74.
50. Kassem I. I., Y. A. Helmy, I. P. Kashoma, G. Rajashekara. 2016. The emergence of antibiotic resistance on poultry farms. In: Ricke, S., (ed.), Achieving sustainable production of poultry meat: Safety, quality and sustainability. Volume 1. Burleigh Dodds Science Publishing, UK. ISBN: 978-1-78676-064-7.
51. Kassem I. I., O. Kehinde, A. Kumar, and G.Rajashekara. 2016. Antimicrobial-resistant Campylobacter in organically and conventionally raised layer chickens. Foodborne Pathogens and Disease. PMID: 27768387 DOI: 10.1089/fpd.2016.2161
52. Kassem I. I., and G. Rajashekara. 2016. Of a Tenacious and Versatile Relic: The Role of Inorganic Polyphosphate (poly-P) Metabolism in the Survival, Adaptation, and Virulence of Campylobacter jejuni. In: de Bruijn, F.J., (ed.), Stress and Environmental Control of Gene Expression in Bacteria. Volume 2. Wiley-Blackwell, USA. pp 1354-1360. ISBN: 978-1-119-00488-2.
53. Kassem I. I., O. Kehinde, Y. A. Helmy, R. Pina-Mimbela, A. Kumar, K. Chandrashekhar, G. Rajashekara. 2016. Campylobacter in poultry: the conundrums of highly adaptable and ubiquitous foodborne pathogens. In: J. Mei Soon, L. J. Manning, C. A. Wallace (eds.), Foodborne Diseases: Case Studies of Outbreaks in the Agri-Food Industries. CRC Press, Taylor & Francis Group, USA. pp 79–112. ISBN: 978-1-4822-0827-6.
54. Kumar A., D. Gangaiah, J.B. Torrelles, G. Rajashekara. Polyphosphate and associated enzymes as global regulators of stress response and virulence in Campylobacter jejuni. World J Gastroenterol. 2016 Sep 7;22(33):7402-14.
55. Kumar A., M. Drozd, R. Pina-Mimbela, X. Xu, Y.A. Helmy, J. Antwi, J.R. Fuchs, C. Nislow, J. Templeton, P.J. Blackall, G. Rajashekara. 2016. Novel Anti-Campylobacter Compounds Identified Using High Throughput Screening of a Pre-selected Enriched Small Molecules Library. Front Microbiol.7:405
56. Rodriguez-Palacios, A., S.Ilic, , and J. T. LeJeune. 2016. Sub-boiling Moist Heat Favors the Selection of Enteric Pathogen Clostridium difficile PCR Ribotype 078 Spores in Food. Canadian Journal of Infectious Diseases and Medical Microbiology
57. Rodriguez-Palacios A, S. Ilic, and J. LeJeune. 2016. Subboiling Moist Heat Favors the Selection of Enteric Pathogen Clostridium difficile PCR Ribotype 078 Spores in Food.  Canadian Journal of Infectious Diseases and Medical Microbiology. Article ID 1462405. doi:10.1155/2016/1462405.
58. Medhanie G, D. Pearl, S. McEwen, M. Guerin, C. Jardine, J Schrock, and J. LeJeune. 2016. Spatial Clustering of Escherichia coli with Reduced Susceptibility to Cefotaxime and Ciprofloxacin among Dairy Cattle Farms Relative to European Starling Night Roosts.  Zoonoses and Public Health. doi:10.1111/zph.12296
59. Draper, A. D., S. D. Doores, H. Gourama, L. F. LaBorde. 2016. Microbial survey of Pennsylvania surface water used for irrigating produce crops. Journal of Food Protection. 79(6):902-912
60. Murugesan, L. Kucerova, Z., Knabel, S. J., L. F. LaBorde. 2015. Predominance and distribution of a persistent *Listeria monocytogenes* clone in a commercial fresh mushroom processing environment. Journal of Food Protection. 78(11): 1988-1998.
61. Valderrama, W. B., E. G. Dudley, S. Doores, and C. N. Cutter. 2016. Commercially available rapid methods for detection of selected foodborne pathogens. *Current Reviews in Food Science and Nutrition* 56:1519–153.
62. Xie, Y., Savell, J. W., Arnold, A. N., Gehring, K. B., Gill, J. J., and Taylor, T. M. 2016. Prevalence and characterization of *Salmonella* *enterica* and *Salmonella* bacteriophages recovered from beef cattle feedlots in south Texas. J. Food Prot. 79: 1332-1340.
63. Palekar, M., Taylor, T. M., Maxim, J. E., and Castillo, A. 2015. Reduction of *Salmonella* *enterica* serotype Poona and background microbiota on fresh-cut cantaloupe by electron beam irradiation. J. Food Prot. 202: 66-72.
64. Almeida, G. and K. E. Gibson. 2016. Evaluation of a recirculating dipper well combined with ozone sanitizer for control of foodborne pathogens in food service operations. *J. Food Protect*. 79:1537–1548.
65. Conover, D. M., and K. E. Gibson. 2016. Comparison of two plain soap types for removal of bacteria and viruses from hands with specific focus on food service environments. *Food Cont*. 69:141–146.
66. Sauders, B.D., and D.J. D’Amico.2016. *Listeria monocytogenes* cross-contamination of cheese: risk throughout the food supply chain. Epidemiology and Infection. Epidemiology and Infection. 14:2693-2697.
67. D'Amico, Dennis. 2016. Artisan Cheese Food Safety Forum: 2015 Conference Summary. Food Protection Trends. May/June: 226-228.
68. Zhang, C., B. Li, R. Jadeja, J. Fang and Y.-C. Hung. 2016. Effects of bacterial concentrations and centrifugations on susceptibility of *Bacillus subtilis* vegetative cells and *Escherichia coli* O157: H7 to various electrolyzed oxidizing water treatments. Food Control 60:440-446.
69. Fang, J., J.L. Cannon and Y.-C. Hung. 2016. The efficacy of EO waters on inactivating norovirus and hepatitis A virus in the presence of organic matter. Food Control 61:13-19.
70. Afari, G. K., Y.-C. Hung, C. H. King and A. Hu. 2016. Reduction of *Escherichia coli* O157:H7 and *Salmonella* Typhimurium DT 104 on fresh produce using an automated washer with near neutral electrolyzed (NEO) water and ultrasound. Food Control 63:246-254.
71. Pang, Y.-H. and Y.-C. Hung. 2016. Efficacy of slightly acidic electrolyzed water and UV-ozonated water combination for inactivating *Escherichia coli* O157:H7 on romaine and iceberg lettuce during spray washing process. J. Food Sci. M1-M6.
72. Chen, X. and Y.-C. Hung. 2016. Predicting chlorine demand of fresh and fresh-cut produce based on produce wash water properties. Postharvest Bio. & Tech. 120:10-15.
73. Gorton, A. and **M. J. Stasiewicz**. In press. 22-Years of U.S. meat and poultry product recalls: implications for food safety and food waste. *J. Food Prot.* Accepted for publication on 12/17/2016
74. Martyniak, B., Bolton, JC., Kuksin, D., Shahin, SM., Li-Ying Chan, L. A. A Novel Concentration and Viability Detection Method for Brettanomcyces using the cellometer image cytometry. J. of Industrial Microbiology & Biotechnology. Oct. 2016.
75. Snyder, A. B., J. J. Perry, and A. E. Yousef. 2016. Developing and optimizing bacteriophage treatment to control enterohemorrhagic *Escherichia coli* on fresh produce. *Int. J. Food Microbiol.* 236:90-97.
76. Machado R., Radhakrishna R., Cutter C. Food Safety of Farmstead Cheese Processors in Pennsylvania: An Initial Needs Assessment. *Food Protection Trends*. Accepted for publication in October 2016.
77. Machado R., Cutter C. Sanitation indicators as a tool to evaluate a food safety and sanitation training program for farmstead cheese processors. *Food Control.* Submitted for publication in November 2016.
78. Akhtar, M., A. Maserati, F. Diez-Gonzalez. 2016. Does antibiotic resistance influence shiga-toxigenic Escherichia coli O26 and O103 survival to stress environments? *Food Control* 68:330-336.
79. Ding, T., K.A. Case, M.A. Omolo, H.A. Reiland, Z.P Metz, X. Diao, and D.J. Baumler. 2016. Predicting essential metabolic genome content of niche-specific enterobacterial human pathogens during simulation of host environments. *PLOS One*. Feb 17;11(2):e0149423.
80. Liou, P., F. X. Nayigiziki, F. Kong, A. Mustapha, and M. Lin. 2016. Cellulose nanofibers coated with silver nanoparticles as a SERS platform for detection of pesticides in apples. *Carbohydrate Polymers* 157:643-650.
81. Mao, X., T. H.-D. Nguyen, M. Lin, and A. Mustapha. 2016. Engineered nanoparticles as potential food contaminants and their toxicity to Caco-2 cells. *J. Food Sci*. 18(8):T2107-T2113.
82. Nguyen, T. H.-D., P. Zhou, A. Mustapha, and M. Lin. 2016. Use of aminothiophenol as an indicator for the analysis of silver nanoparticles in consumer products by surface-enhanced Raman spectroscopy. *Analyst* 141:5382-5389.
83. Singh, Y. Pfeiffer, and A. Mustapha. 2016. Multiplex real-time PCR assay for the detection of extended-spectrum β-lactamase and carbapenemase genes usingmelting curve analysis. *J. Microbiol. Methods* 124:72-78.
84. Shen, Z., N. Zhang, A. Mustapha, M. Lin, D. Xu, D. Deng, M. Reed, and G. Zheng. 2016. Identification of host-specific genetic markers within 16S rDNA intervening sequences of 73 genera of fecal bacteria. *J. Data Mining Genomics & Proteomics* 7(1):1-9.
85. Singh, P. and A. Mustapha. 2015. Multiplex real-time PCR assays for detection of eight Shiga toxin-producing *Escherichia coli* in food samples by melting curve analysis. *Int. J. Food Microbiol*. 215:101-108.
86. Nguyen, D.-T., M. Lin and, A. Mustapha. 2015. Toxicity of graphene oxide on intestinal bacteria and Caco-2 cells. *J. Food Prot*. 78(5):996–1002.
87. Zhang, Z., Q. Yu, H. Li, A. Mustapha, and M. Lin. 2015. Standing gold nanorod arrays as reproducible SERS substrates for measurement of pesticides in apple juice and vegetables. *J. Food Sci*. 80(2):N450-458.
88. Pivarnik, LF, Richard, NL, Gable, RK and Worobo, RW. 2016. Knowledge and attitudes of produce and seafood processors and food safety educators regarding non-thermal processing. J Fd. Sci. Ed. 15:120-128. doi:10.1111/1541-4329.12093 (September 29 pub)
89. Calberry, V, Lofgren, IE, Pivarnik, LF. 2016. Food safety and school garden pilot program for elementary school students. Food Protection Trends. Vol 36(5):362-371.
90. Sewlikar, S., and D. H. D'Souza. 2017. Survival of hepatitis A virus and Aichi virus in cranberry-based juices at refrigeration (4 °C). *Food Microbiol*. 62:251-255.
91. D'Souza, D.H., Dice, L., and P. M. Davidson. 2016. [Aqueous extracts of *Hibiscus sabdariffa* calyces to control Aichi virus](http://food/). *Food Environ Virol*. 8(2):112-9.
92. Joshi, S.S., Howell, A.B., and D. H. D'Souza. 2016. Reduction of enteric viruses by blueberry juice and blueberry proanthocyanidins. *Food Environ Virol.* 8(4):235-243.
93. Joshi, S.S., Su, X., and D. H. D'Souza. 2015. Antiviral effects of grape seed extract against feline calicivirus, murine norovirus, and hepatitis A virus in model food systems and under gastric conditions. *Food Microbiol.* 52:1-10.
94. Tokman, J. I., D. J. Kent, M. Wiedmann, and T. Denes. 2016. Temperature Significantly Affects the Plaquing and Adsorption Efficiencies of Listeria Phages. *Front Microbiol* 7:403–10.
95. Harrison, J., F. Critzer, and M. Harrison. 2016. Regulatory and food safety knowledge gaps associated with small and very small food businesses as identified by regulators and food safety educators- implications for food safety training. *Food Prot. Trends.* 36(6): 420-427.
96. Q. Ma, Zhang, Y., F. Critzer, P.M. Davidson, Q. Zhong. 2016. Quality attributes and microbial survival on whole cantaloupes with antimicrobial coatings containing chitosan, lauric arginate, cinnamon oil and ethylenediaminetetraacetic acid. *Int J Food Microbiol.* 235:103-108.
97. Q. Ma, Zhang, Y., F. Critzer, P.M. Davidson, Q. Zhong. 2016. Antimicrobial activities of lauric arginate and cinnamon oil combination against foodborne pathogens: Improvement by ethylenediaminetetraacetate and possible mechanisms. *LWT Food Sci Technol.* 72:9-18.
98. Zhang, Y., Q. Ma, F. Critzer, P.M. Davidson, Q. Zhong. 2016. Organic thyme oil emulsion as an alternative washing solution to enhance the microbial safety of organic cantaloupes. *Food Control.* 67: 31-38.
99. Monu, E.A., C. Techathuvanan, A. Wallis, F.J. Critzer, P.M. Davidson. 2016. Plant essential oils and components on growth of spoilage yeasts in microbiological media and a model salad dressing. *Food Control.* 65: 73-77.
100. Dunn, L.L., P.M. Davidson, F.J. Critzer. 2016. Antimicrobial Efficacy of an Array of Essential Oils Against Lactic Acid Bacteria. *J Food Sci*. 81(2): M438-M444.
101. Ma, Q., Y. Zhang, F. Critzer, P.M. Davidson, S. Zivanovic, Q. Zhong. 2016. Physical, mechanical, and antimicrobial properties of chitosan films with microemulsions of cinnamon bark oil and soybean oil. *Food Hydrocolloid.* 52: 533-542.
102. Zhang, Z., Guo, H., Carlisle, T., Mukherjee, A., **Kinchla, A.J.,** White, J.C., Xing, B., He, L., September 2016. Evaluation of Postharvest Washing on AgNPs Removal from Spinach Leaves. *Journal of Agricultural and Food Chemistry*. 64(37):6916-22. doi: 10.1021/acs.jafc.6b02705.
103. Wang D., Wang Z., He F., **Kinchla AJ.,** Nugen SR. 2016 Aug. Enzymatic Digestion for Improved Bacteria Separation from Leafy Green Vegetables. *J Food Prot*.79(8):1378-86. doi: 10.4315/0362-028X.JFP-15-581.
104. Tianxi Yang, Zhiyun Zhang, Bin Zhao, Ruyan Hou, **Kinchla, A.J.,** John M. Clark, and Lili He. 2016. Real-Time and in Situ Monitoring of Pesticide Penetration in Edible Leaves by Surface-Enhanced Raman Scattering Mapping. *Anal. Chem*., 88 (10), pp 5243–5250. doi: 10.1021/acs.analchem.6b00320.
105. Wang Z, Wang D, **Kinchla A.J.**, Sela DA, Nugen SR. 2016 Apr 12. Rapid screening of waterborne pathogens using phage-mediated separation coupled with real-time PCR detection. *Anal Bioanal Chem*.408(15):4169-78. doi: 10.1007/s00216-016-9511
106. Alcaine, S. D., Law, K., Ho, S., **Kinchla, A. J.,** and Nugen. S. R. Bioengineering Bacteriophages to Enhance the Sensitivity of Phage Amplification-based Paper Fluidic Detection of Bacteria. Biosensors & Bioelectronics, Vol. 82. March 2016.
107. Chong, V., Kinchla, A.J., June 2016. Assessing Commercial Quality Control Tools for On-Farm Postharvest Sanitation. *Journal of Food and Dairy Technology*.
108. Wang, D., Wang, Z., Chen, J. **Kinchla, A.J.,** Nugen, S.R. April 2016. Rapid detection of Salmonella using a redox cycling-based electrochemical method. Food Control. Vol 62, Pg 81-88.
109. Chandler, J., A. Franklin, S. Shriner, J. Root, N. Mooers, K. Bentler, J. Ellis, J. LeJeune, L. Goodridge, R. Stahl, M. Russell, M. Robeson, and B. Bisha. 2016. *Oceanobacillus* spp., Antimicrobial Resistant Bacteria at the Wildlife-Livestock Interface. *Sci. Rep.* (submitted).
110. Chandler, J., A. Pérez-Méndez, J. Paar, M. Doolittle, B. Bisha, and L. Goodridge. 2016. Field-based evaluation of a male-specific (F+) RNA coliphage concentration method. 2017. *J. Virol. Methods*. 239:9-16.
111. Harris, L., V. Lieberman, R. Mashiana, E. Atwill, M. Yang, J. Chandler, B. Bisha, and T. Jones. 2016. Prevalence and Amounts of *Salmonella* Found on Raw California Inshell Pistachios. *J. Food Prot.* 79(8):1304-1315.
112. Dev Kumar, G., Williams, RC., Sumner, S.S., and J.D. Eifert. 2016. Effect of ozone and ultraviolet light on *Listeria monocytogenes* populations in fresh and spent chill brines. Food Cont. 59:172-177.
113. Dev Kumar, G., Williams, R.C., Alqublan, H., Sriranganathan, N., Boyer, R., and J. Eifert. 2016. Airborne soil particulates as vehicles for *Salmonella* contamination of tomatoes. Int. J. Food Micro. (in press)
114. Caver, C. 2016. Recovery of *Salmonella* from Steam and Ethylene Oxide-Treated Spices Using Supplemented Agar with Overlay. Thesis. Virginia Tech.
115. Pollard, S., R. Boyer, B. Chapman, J. di Stefano, T. Archibald, M. Ponder and S. Rideout. 2016. Identification of risky food safety practices at Southwest Virginia farmers’ markets. *Food Protection Trends*. 36(3) 168-175.
116. Bacon, K., R. Boyer, C. Denbow, S. O’Keefe, A. Neilson and R. Williams. 2016. Evaluation of different solvents to extract antibacterial compounds from jalapeno peppers. *Food Science & Nutrition.* doi:10.1002/fsn3.423.
117. Bacon, K., R. Boyer, C. Denbow, S. O’Keefe, A. Neilson and R. Williams. 2016. Anti-bacterial activity of jalapeno pepper extract fractions against select foodborne pathogens. *Food Science & Nutrition.* In press.
118. Schroeder, M., Yang\*, L., Eifert, J., Boyer, R., Chase, M., and Nieto-Montenegro, S. 2016. Evaluation of how different signs affect poultry processing employees’ hand washing practices. Food Cont. 68:1-6.
119. Schroeder, M., Galagarza, O., Eifert, J., Boyer, R., Chase, M., Nieto-Montenegro, S. 2016. Employee perceptions of food safety pictograms at meat and poultry processing plants leads to new hand washing pictogram. Food Prot. Trends 36(3):195-207.

Lee, J. 2016. The effects of cavitation on the removal and inactivation of *Listeria* and *Salmonella* on the surface of fresh roma tomatoes and cantaloupes. M.S. Thesis, Virginia Tech; Dec. 2016.

**Extension Publications**

1. Windham, A., C. Palmer, and L. Wang.2016. Survival and transmission of zoonotic pathogens in agricultural environments. Beef Cattle Conference 2016.
2. Snyder, Abigail B.; Worobo, Randy W. 2015. [Addressing Food Spoilage-The Elephant in the Room](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=1&SID=4CWWNOwTG6lNDIhfVdg&page=1&doc=3) Food Tech.  69(3): 32-39.
3. Ilic S., Lewis-Ivey M., Food Safety in Gardens, OSU Extension fact sheet
4. Lewis-Ivey M. Ilic S., Food Safety and Garden Flooding, OSU Extension fact sheet
5. LaBorde, L. F. 2016. FSMA produce safety and preventive controls regulations: How do they apply to your operation? Mushroom News. 64(9):12-19. September 2016.
6. Machaco, R. A. and C. N. Cutter. 2015. Countertop Food Safety Training Program for Cheesemakers. Two, stand-alone modules (English): Sanitation and Food Safety for Cheesemakers & Personal Hygiene and Handwashing for Cheesemakers.
7. Scheinberg, J. A., M. Bucknavage, and C. N. Cutter. 2016. Farmers’ Market Food Safety Guide. A comprehensive guide to selling safe foods at farmers’ markets.
8. American Cheese Society. 2016. Best Practices Guide for Cheesemakers. Available at: <http://www.cheesesociety.org/events-education/best-practices-guide-for-cheesemakers/>
9. Stasiewicz, M, H. den Bakker, J. Bono, M. Wiedmann. 2016. Introduction to the Interpretation of Whole Genome Sequencing Data in Food Safety: Technical Information. U.S. meat, poultry, and pork associations. 11 pgs. <https://www.uspoultry.org/foodsafety/>
10. Machado R. Are you prepared for the Food Safety Modernization Act? *Maine Farm Bureau Magazine.* Submitted for publication in December 2016.
11. URI policy for farmer’s markets
12. RI Farmer’s Market Guidelines and A Decision Making Tool: What License Do I Need at a RI Farmers’ Market? (Associated with USDA/RIDEM Specialty grant reported last annual report -2015-2017)
13. Pivarnik, L. (University of Rhode Island), R. Worobo (Cornell University), Gleason, J. (New Mexico State University), and Muise, A.S. (New Mexico State University). 2015. Education and Outreach Video. "Non-thermal or alternative processing of produce and shellfish: keeping products safe to eat”. https://www.youtube.com/watch?v=0n0Rom8nBFw or <http://aces.nmsu.edu/nonthermal/index.html>
14. Pivarnik, L. (University of Rhode Island), R. Worobo (Cornell University), Gleason, J. (New Mexico State University), and Muise, A.S. (New Mexico State University). 2015. Education and Outreach Video. "Exploring specific non-thermal processes to enhance the safety of produce and shellfish”. https://www.youtube.com/watch?v=KJd\_LJR2ypk or <http://aces.nmsu.edu/nonthermal/index.html>
15. Leffew, M. and F. Critzer. 2016. D 26. Food Manufacturing Regulations for Honey Processing, Packing and Storage in Tennessee.
16. Leffew, M. and F. Critzer. 2016. D 27. Food Manufacturing Regulations for Sorghum Mills in Tennessee.
17. Critzer, F. 2016. D 28. Food Safety Risks Associated with Consumption of Raw Milk.
18. Hughes, D., A. Griffith, D. Mendez, R. Holland, F. Critzer, and K. Ferguson. 2016. PB 1843-C. Regional Milk Supply for a Possible Tennessee Milk Plant.
19. Holland, R. and F. Critzer. 2016. PB 1843-B. A Preliminary Review of Dairy Licensing, Inspection and Regulatory Oversight in Tennessee.
20. Estrin, H. Hirsch, D., Kinchla, A.J. Produce Safety Videos. UMass Vegetable Extension website <http://ag.umass.edu/vegetable/food-safety-for-farmers/good-agricultural-practices-gap>
    * **http://bcove.me/8bq1pm6b Clean Greens**
    * **http://bcove.me/7qisyjzk SOP**
    * **http://bcove.me/9g9ltrvi Know How to Clean**
    * **4. http://bcove.me/wgrukxr7 Equipment Cleaning**
21. Lawton M., Kinchla A., McKeag, L. 2015. Produce Wash Water Sanitizers: An Overview. Vegetable Notes. Vol 27:10.
22. Kinchla, A., Harper, K. 2016. Produce Brush Washer Study: Finding a standard operating procedure. UMass Extension Vegetable Notes newsletter. Vegetable Notes. Vol 28:21.
23. Kinchla, A., Harper, K. Standard Operating Procedure for Cleaning an Oesco Brush Washer. [https://ag.umass.edu/sites/ag.umass.edu/files/brush\_washer\_ssop\_and\_log.pdf. 2016](https://ag.umass.edu/sites/ag.umass.edu/files/brush_washer_ssop_and_log.pdf.%202016).