

PUBLICATIONS

1. Barefoot, S. F., K. M. Harmon, D. A. Grinstead, and **C. G. Nettles**. 1992. Bacteriocins, molecular biology. pp. 191-202. *In* J. L. Lederberg (ed.), *Encyclopedia of Microbiology*, vol. 1. Academic Press, Inc., New York. (Book chapter)
2. **Nettles, C. G.** and S. F. Barefoot. 1993. Biochemical and genetic characteristics of bacteriocins of food-associated lactic acid bacteria. *Journal of Food Protection* 56:338-356.
3. Barefoot, S. F. and **C. G. Nettles**. 1993. Antibiosis revisited: bacteriocins produced by dairy starter cultures. *J. Dairy Sci.* 76:2366-2379.
4. Siragusa, G. R. and **C. N. Cutter**. 1993. Brochocin-C, a new bacteriocin produced by *Brochothrix campestris*. *Applied & Environmental Microbiology*. 59:2326-2328.
5. Barefoot, S. F., **C. G. Nettles**, and Y. R. Chen. 1994. Lactacin B, a bacteriocin produced by *Lactobacillus acidophilus*. pp. 353-376. *In* L. de Vuyst and E. J. Vandamme (eds.), *Bacteriocins of lactic acid bacteria--Microbiology, genetics and applications*. Chapman and Hall, London. (Book chapter)
6. **Cutter, C. N.** and G. R. Siragusa. 1994. Efficacy of organic acids against *Escherichia coli* O157:H7 attached to beef carcass tissue using a pilot scale model carcass washer. *Journal of Food Protection* 57:97-103.
7. **Cutter, C. N.** and G. R. Siragusa. 1994. Decontamination of beef carcass tissue with nisin using a pilot scale model carcass washer. *Food Microbiology* 11:481-489.
8. Dickson, J. S., **C. G. Nettles Cutter**, and G. R. Siragusa. 1994. Antimicrobial effects of trisodium phosphate against bacteria attached to beef tissue. *Journal of Food Protection* 57:952-955.
9. **Cutter, C. N.** and G. R. Siragusa. 1995. Application of chlorine to reduce populations of *Escherichia coli* on beef. *Journal of Food Safety*. 15:67-75.
10. Siragusa, G. R. and **C. N. Cutter**. 1995. Microbial ATP bioluminescence as a means to detect contamination on artificially contaminated beef carcass tissue. *Journal of Food Protection* 58:764-769.
11. Siragusa, G. R., **C. N. Cutter**, W. J. Dorsa, and M. Koohmaraie. 1995. Use of a rapid microbial ATP bioluminescence assay to detect contamination on beef and pork carcasses. *Journal of Food Protection* 58:770-775.
12. **Cutter, C. N.** and G. R. Siragusa. 1995. Population reductions of gram-negative pathogens following treatments with nisin and chelators under various conditions. *Journal of Food Protection* 58:977-983.
13. **Cutter, C. N.** and G. R. Siragusa. 1995. Treatments with nisin and chelators to reduce *Salmonella* and *Escherichia coli* on beef. *Journal of Food Protection* 58:1028-1030.
14. **Cutter, C. N.** and W. J. Dorsa. 1995. Chlorine dioxide spray washes for reducing fecal contamination on beef. *Journal of Food Protection* 58:1294-1296.

15. Dorsa, W. J., **C. N. Cutter**, and G. R. Siragusa. 1996. Evaluation of six sampling methods for recovery of bacteria from beef carcass surfaces. *Letters in Applied Microbiology*. 22:39-41.
16. Dorsa, W. J., **C. N. Cutter**, G. R. Siragusa, and M. Koohmaraie. 1996. Microbial decontamination of beef and sheep carcasses by steam, hot water spray washes, and a steam- vacuum sanitizer. *Journal of Food Protection* 59:127-135.
17. **Cutter, C. N.** and G. R. Siragusa. 1996. Reductions of *Listeria innocua* and *Brochothrix thermosphacta* on beef following nisin spray treatments and vacuum packaging. *Food Microbiology* 13:23-33.
18. Dorsa, W. J., **C. N. Cutter**, and G. R. Siragusa. 1996. Effectiveness of a steam-vacuum sanitizer for reducing *Escherichia coli* O157:H7 inoculated to beef carcass surface tissue. *Letters in Applied Microbiology*. 23:61-63.
19. **Cutter, C. N.** and G. R. Siragusa. 1996. Reduction of *Brochothrix thermosphacta* on beef surfaces following immobilization of nisin in calcium alginate gels. *Letters in Applied Microbiology*. 23:9-12.
20. **Cutter, C. N.**, W. J. Dorsa, and G. R. Siragusa. 1996. A rapid microbial ATP bioluminescence assay for meat carcasses. *Dairy Food Environ. Sanit.* 16:726-736.
21. Siragusa, G. R., **C. N. Cutter**, W. J. Dorsa, and M. Koohmaraie. 1996. Microbial load monitoring of meat animal and poultry carcasses using a rapid filtration microbial ATP bioluminescence assay. In P. E. Stanley, R. Smither, W. J. Simpson (eds.), *A Practical Guide to Industrial Uses of ATP-Luminescence in Rapid Microbiology*. Cara Technology Ltd., Lingfield, UK. (Bookchapter)
22. **Cutter, C. N.**, W. J. Dorsa, and G. R. Siragusa. 1996. Application of Carnatrol™ and Timsen™ to decontaminate beef. *Journal of Food Protection* 59:1339-1342.
23. Dorsa, W. J., G. R. Siragusa, **C. N. Cutter**, E. D. Berry, and M. Koohmaraie. 1997. Efficacy of using a sponge sampling method to recover low levels of *Escherichia coli* O157:H7, *Salmonella typhimurium*, and aerobic bacteria from beef carcass surface tissue. *Food Microbiology* 14:63-69.
24. Siragusa, G. R., W. J. Dorsa, **C. N. Cutter**, L. J. Perino, and M. Koohmaraie. 1997. Use of a newly developed rapid microbial ATP bioluminescence assay to detect microbial contamination on poultry carcasses. *J. Biolumin. Chemilumin.* 11:297-301.
25. Dorsa, W. J., **C. N. Cutter**, and G. R. Siragusa. 1997. Effects of steam-vacuuming and hot water spray wash on the microflora of refrigerated beef carcass surface tissue inoculated with *Escherichia coli* O157:H7, *Listeria innocua*, and *Clostridium sporogenes*. *Journal of Food Protection* 60:114-119.
26. Dorsa, W. J., **C. N. Cutter**, and G. R. Siragusa. 1997. Effects of acetic acid, lactic acid and trisodium phosphate on the microflora of refrigerated beef carcass surface tissue inoculated with *Escherichia coli* O157:H7, *Listeria innocua*, and *Clostridium sporogenes*. *Journal of Food Protection* 60:619-624.

27. **Cutter, C. N.**, W. J. Dorsa, and G. R. Siragusa. 1997. Parameters affecting the efficacy of spray washes against *Escherichia coli* O157:H7 and fecal contamination on beef. *Journal of Food Protection* 60:614-618.
28. **Cutter, C. N.** and G. R. Siragusa. 1997. Growth of *Brochothrix thermosphacta* in ground beef following treatments with nisin in calcium alginate gels. *Food Microbiology* 14:425-430.
29. Bell, K. Y., **C. N. Cutter**, and S. S. Sumner. 1997. Reduction of foodborne microorganisms on beef carcass tissue using acetic acid, sodium bicarbonate and hydrogen peroxide spray washes. *Food Microbiology* 14:439-448.
30. **Cutter, C. N.**, W. J. Dorsa, and G. R. Siragusa. 1997. Rapid desiccation with heat in combination with water washing for reducing bacteria on beef carcass surfaces. *Food Microbiology* 14:493-503.
31. Dorsa, W. J., **C. N. Cutter**, and G. R. Siragusa. 1998. Long-term effect of alkaline, organic acid, or hot water washes on the microbial profile of refrigerated beef contaminated with bacterial pathogens after washing. *Journal of Food Protection* 61:300-306.
32. Siragusa, G. R., W. J. Dorsa, **C. N. Cutter**, G. L. Bennett, J. E. Keen, and M. Koohmaraie. 1998. The incidence of *Escherichia coli* on beef carcasses and its association with aerobic mesophilic plate count levels during the slaughter process. *Journal of Food Protection* 61:1269-1274.
33. Dorsa, W. J., **C. N. Cutter**, and G. R. Siragusa. 1998. Bacterial profile of ground beef made from carcass tissue experimentally contaminated with pathogenic and spoilage bacteria before being washed with hot water, alkaline solution, or organic acid then stored at 4 or 12°C. *Journal of Food Protection* 61:1109-1118.
34. **Cutter, C. N.** and G. R. Siragusa. 1998. Incorporation of nisin into a meat binding system to inhibit bacteria on beef surfaces. *Letters in Applied Microbiology*. 27:19-23.
35. Dorsa, W. J., **C. N. Cutter**, and G. R. Siragusa. 1998. Long-term bacterial profile of refrigerated ground beef made from carcass tissue, experimentally contaminated with pathogens and spoilage bacteria after hot water, alkaline, or organic acid washes. *Journal of Food Protection* 61:1615- 1622.
36. **Cutter, C. N.** 1998. New intervention technologies. *Recip. Meat Conf. Proc.* 51:133-140.
37. **Cutter, C. N.** 1999. Combination spray washes of saponin with water or acetic acid to reduce aerobic and pathogenic bacteria on lean beef surfaces. *Journal of Food Protection* 62:280-283.
38. **Cutter, C. N.** 1999. The effectiveness of triclosan-incorporated plastic against bacteria on beef surfaces. *Journal of Food Protection* 62:474-479.
39. Siragusa, G. R., **C. N. Cutter**, and J. L. Willett. 1999. Incorporation of bacteriocin in plastic retains activity and inhibits surface growth of bacteria on meat. *Food Microbiology* 16:229-235.
40. Joerger, R. D., D. G. Hoover, S. F. Barefoot, K. M. Harmon, D. A. Grinstead, and **C. G. Nettles Cutter**. 2000. Bacteriocins. pp. 383-397. In J. L. Lederberg (ed.), *Encyclopedia of Microbiology*, vol. 2. Academic Press, Inc., New York. (Book chapter).
41. **Cutter, C. N.** 2000. The antimicrobial effect of herb extracts against *Escherichia coli* O157:H7,

Listeria monocytogenes, and *Salmonella* Typhimurium associated with beef. *Journal of Food Protection* 63: 601–607.

42. **Cutter, C. N.**, W. J. Dorsa, A. Handie, S. Rodriguez-Morales, X. Zhou, P. J. Breen, and C. M. Compadre. 2000. Antimicrobial activity of cetylpyridinium chloride washes against pathogenic bacteria on beef surfaces. *Journal of Food Protection* 63: 593–600.
43. Berry, E. D., and **C. N. Cutter**. 2000. Effects of acid adaptation of *Escherichia coli* O157:H7 on efficacy of acetic acid spray washes to decontaminate beef carcass tissue. *Applied & Environmental Microbiology* 66:1493-1496.
44. **Cutter, C. N.** and M. Rivera-Bentacourt. 2000. Interventions for reducing *Salmonella* Typhimurium DT104 and enterohemorrhagic *Escherichia coli* on beef surfaces. *Journal of Food Protection* 63: 1326-1332.
45. Siragusa, G. R., D. H. Kang, and **C. N. Cutter**. 2000. Monitoring the microbial contamination of beef carcass tissue with a rapid chromogenic limulus amoebocyte lysate endpoint assay. *Letters in Applied Microbiology*. 31: 178-183.
46. Dormedy, E. S., M. M. Brashears, **C. N. Cutter**, D. E. Burson. 2000. Validation of acid washes as critical control points in hazard analysis and critical control point systems. *Journal of Food Protection* 63:1676–1680.
47. **Cutter, C. N.**, J. L. Willet, and G. R. Siragusa. 2001. Improved activity of nisin-incorporated polymer films by formulation change and addition of food grade chelator. *Letters in Applied Microbiology*. 33:325-328.
48. Pordesimo, L. O., E. G. Wilkerson, A. R. Womac, and **C. N. Cutter**. 2002. Process engineering variables in the spray washing of meat and produce. *Journal of Food Protection* 65:222–237.
49. **Cutter, C. N.** and S. S. Sumner 2002. Application of edible coatings on meats, pp.467-484. In A. Gennadios (ed.), *Protein-based Films and Coatings*, Technomic Publishing Co., Inc. Lancaster, PA.
50. **Cutter, C. N.** 2002. Microbial control by packaging: A review. *Crit. Rev. Food Sci. Nutr.* 42:151-161.
51. **Cutter, C. N.** 2002. Incorporation of antimicrobials into packaging materials. *Recip. Meat Conf. Proc.* 55:83-87.
52. Fabrizio, K. A., R. R. Sharma, A. Demirci, and **C. N. Cutter**. 2002. Comparison of electrolyzed oxidizing water with various antimicrobial interventions to reduce *Salmonella* species on poultry. *Journal of Poultry Sci.* 81:1598-1605.
53. Chang, V. P., E. W. Mills, and **C. N. Cutter**. 2003. Comparison of recovery methods for freeze-injured *Listeria monocytogenes*, *Salmonella* Typhimurium and *Campylobacter coli* in cell suspensions and associated with pork surfaces. *Journal of Food Protection* 66:798–803.
54. Chang, V. P., E. W. Mills, and **C. N. Cutter**. 2003. Reduction of bacteria on pork carcasses associated with chilling method. *Journal of Food Protection* 66:1019-1024.

55. Fabrizio, K. A. and **C. N. Cutter**. 2003. Stability of electrolyzed oxidizing water and its efficacy against cell suspensions of *Salmonella* Typhimurium and *Listeria monocytogenes*. *Journal of Food Protection* 66:1379-1384.
56. **Cutter, C. N.**, and B. J. Miller. 2003. Use of an acid phosphatase assay to detect deviations in thermal processing of seafood. *J. Assoc. Food Drug Off.* 67:52-64.
57. McElroy, D. M. and **C. N. Cutter**. 2004. Self-reported changes in food safety practices as a result of participation in a statewide food safety certification program. *Food Protection Trends* 24:150-161.
58. Fabrizio, K. A. and **C. N. Cutter**. 2004. Comparison of electrolyzed oxidizing water with other antimicrobial interventions to reduce pathogens on fresh pork. *Meat Science* 68:463-468.
59. Krishnamurthy, K., A. Demirci, V. M. Puri, and **C. N. Cutter**. 2004. Effect of packaging materials on inactivation of pathogenic microorganisms on meat during irradiation. *Trans. Amer. Soc. Agr. Eng.* 47:1141-1149.
60. **C. N. Cutter** and Miller, B. J. 2004. Incorporation of nisin into a collagen film retains antimicrobial activity against *Listeria monocytogenes* and *Brochothrix thermosphacta* associated with a ready-to-eat meat product. *Journal of the Association of Food and Drug Officials* 68 (4):64- 77.
61. Fabrizio, K. A. and **C. N. Cutter**. 2005. Application of electrolyzed oxidizing water to reduce *Listeria monocytogenes* on ready-to-eat meats. *Meat Science* 71:327-333.
62. **Cutter, C. N.** 2006. Food Technologists-an interview. *Careers in focus: Agriculture*, 2nd edition. pp. 127-137. Infobase Publishing, New York, NY.
63. **Cutter, C. N.** 2006. Opportunities for bio-based packaging technologies to improve the quality and safety of fresh and further processed muscle foods. *Meat Science* 74: 131–142
64. Fenton, G. D., L. F. LaBorde, R. B. Radhakrishna, J. L. Brown, and **C. N. Cutter**. 2006. Comparison of knowledge and attitudes using computer-based and face-to-face personal hygiene training methods in food processing facilities. *Journal of Food Science Education* 5:45-50.
65. Yoder, S. L. Flowers, M. D. Hardin, W. R. Henning, and **C. N. Cutter**. 2007. Beef safety during slaughter, fabrication, and further processing. In *Handbook of Beef Safety and Quality* (D.R. VanOverbeke, ed.), pp. 39-72. Haworth Press, Binghamton, NY.
66. Grinstead, D. A., and **C. N. Cutter**. 2007. Controlling *Listeria monocytogenes* in a retail setting. *Food Protection Trends* 27:22-28.
67. Bucknavage, M. W., and **C. N. Cutter**. 2009. Hazard Analysis of Critical Control Points. pp. 435-457. In *Microbiologically Safe Foods*, edited by Norma Heredia, Irene Wesley, and Santos Garcia. John Wiley & Sons, Inc., Hoboken, New Jersey.
68. Valderrama, W. B., E. W. Mills, and C. N. Cutter. 2009. Efficacy of chlorine dioxide against *Listeria monocytogenes* in brine chilling solutions. *Journal of Food Protection* 72:2272-2277.

69. Fasoyiro S.B, Obatolu, V.A, Ashaye O.A, Adegoke G.O. and **Cutter, C. N.** 2009. *A Food Safety Guide: From Farm to Table-What a food handler should know*. Bora Agro Nigeria Limited. Nigeria; 37 pages.
70. Trinetta, V., **Cutter, C. N.** Floros, J. D. 2009. Incorporation of sakacin A into edible films to control *Listeria monocytogenes* in ready-to-eat foods. *Ital. J. Food Sci.* 21: 158-161.
71. **Cutter, C. N.** 2009. Biobased packaging materials: control of microbial populations. *Food Engineering and Ingredients*. 34:36-37. Accessed 12/22/09 at: <http://www.fei-online.com/index.php?id=2780>
72. Fenton, G. D, Radhakrishna, R. B., and **Cutter, C.N.** 2010. Participation in “Handwashing University” promotes proper handwashing techniques for youth. *Journal of Extension*. [On-line], 48(1) Article 1RIB7. http://www.joe.org/joe/2010february/pdf/JOE_v48_1rb7.pdf
73. Trinetta, V., J. D. Floros, and **C. N. Cutter.** 2010. Sakacin A-containing pullulan film: an active packaging system to control epidemic clones of *Listeria monocytogenes* in ready-to-eat foods. *Journal of Food Safety* 30: 366-381.
74. **Cutter, C. N.** 2010. Sakacin A-containing pullulan film: an active bio-based packaging system to control *Listeria monocytogenes* in a ready-to-eat food. *Food Packaging Bulletin* 19(1): 4-5. Access at: www.food-packaging-bulletin.com
75. Valderrama, W. B., and **C. N. Cutter.** 2010. Microbial control aspects of brine chilling solutions for ready-to-eat meat and poultry products. *Food Engineering and Ingredients*. 35: 32-34. Accessed 5/13/10 at: <http://www.fei-online.com/digital-edition/index.html>
76. Yoder, S. F., E. W. Mills, W. R. Henning, N. Ostiguy, S. Doores, and **C. N. Cutter.** 2010. The efficacy of water washes against pathogens associated with beef surfaces processed in very small meat establishments. *Journal of Food Protection* 73:907-915.
77. Valadez, A. M., C. DebRoy, E. W. Dudley, and **C. N. Cutter.** 2011. Multiplex PCR detection of Shiga toxin-producing *Escherichia coli* strains belonging to serogroups O157, O103, O91, O113, O145, O111, and O26 experimentally inoculated in beef carcass swabs, beef trim, and ground beef. *Journal of Food Protection* 74: 228–239.
78. Bucknavage, M. W. and **C. N. Cutter.** 2011. Food safety interventions: reducing risk from farm to table. *Food Safety Magazine*. Vol. 17 (1): 10-15. <http://www.foodsafetymag-digital.com/foodsafetymag/20110203?folio=10#pg10>.
79. DebRoy, C., E. Roberts, A. Valadez, E.G. Dudley and **C. N. Cutter.** 2011. Detection of Shiga toxin-producing *Escherichia coli* O26, O45, O103, O111, O113, O121, O145 and O157 serogroups by multiplex PCR of the *wzx* gene of the O-antigen gene cluster. *Foodborne Pathogens and Disease* 8 (5):651-652.

80. Richard, A. E. and **C. N. Cutter**. 2011. Validation of a pickling process for controlling pathogens associated with hard cooked eggs. *Journal of Food Safety*. 31: 417–423.
81. Trinetta, V., **C. N. Cutter**, and J. D. Floros. 2011. Effect of ingredient composition on optical and mechanical properties of pullulan film for food food-packaging applications. *LWT - Food Science and Technology* 44 (10): 2296-2301.
82. Yoder, S. F., E. W. Mills, W. R. Henning, N. Ostiguy, S. Doores, and **C. N. Cutter**. 2012. Investigation of antimicrobial rinses suitable for very small meat establishments to reduce pathogens on beef surfaces. *Journal of Food Protection* 75:14-21.
83. **Cutter, C. N.**, R. N. Senevirathne, V. P. Chang, R. B. Cutaia, K. A. Fabrizio, A. M. Geiger, A. M. Valadez, and S. F. Yoder. 2012. Major microbiological hazards associated with packaged fresh and processed meat and poultry, pp.3-58. In *Meat, Poultry and Seafood Packaging*, J. P. Kerry (ed). Woodhead Publishing, Cambridge, England.
84. **Cutter, C.**, D. DePasquale, J. Hayes, C. Raines, and R. Seniviranthe. 2012. Meat Science Review: HPP, ground beef, and the "Big 6" STEC. *National Provisioner*. Published: July 5, 2012. Accessed August 21, 2012 at: <http://www.provisioneronline.com/articles/98113-meat-science-review--hpp--ground-beef-and-the--big-6--stec>.
85. Svoboda, A. M. and **C. N. Cutter**. 2012. STEC: Shiga-toxin producing *Escherichia coli* in pork. Pork Information Gateway factsheet. <http://www.porkgateway.org/FileLibrary/PIGLibrary/Factsheets/STEC%20Fact%20Sheet.pdf>
86. Valderrama, W. B., and **C. N. Cutter**. 2013. An ecological perspective of *Listeria monocytogenes* biofilms in food processing facilities. *Current Reviews in Food Science and Nutrition* 53:801–817.
87. Richard, A. E. , J. L. Brown, R. B. Radhakrishna, E. P. Yoder, S. Nieto-Montenegro, and **C. N. Cutter**. 2013. Development and implementation of a “counter-top” training program to increase retention of food safety knowledge, alter behavior, improve attitude, and increase skills of Spanish-speaking retail employees. *Food Protection Trends*. 33:10-19.
88. Consortium of Food Process Validation Experts (CFPVE). 2013. Validation of Antimicrobial Interventions for Small and Very Small Processors: A How-to Guide to Develop and Conduct Validations. *Food Protection Trends* 33(2):95-104.
89. Magwedere, K. H. A. Dang, E. Mills., **C. N. Cutter**, E. Roberts, C. DebRoy. 2013. Incidence of Shiga toxin-producing *Escherichia coli* (STEC) strains in beef, pork, chicken, deer, boar, bison and rabbit retail meat. *Journal of Veterinary Diagnostic Investigation* 25:254-258.
90. Svoboda, A. M. C. DebRoy, E. W. Dudley, E. W. Mills, and **C. N. Cutter**. 2013. Presence of Shiga-toxin Producing *Escherichia coli* in Small and Very Small Beef Processing Plants and Resulting Beef Products Detected by a Multiplex Polymerase Chain Reaction Assay. *Foodborne Pathogens and Disease* 10:1-7.

91. Scheinberg, J. A., S. Doores, and **C. N. Cutter**. 2013. A Microbiological Comparison of Poultry Products Obtained from Farmers' Markets and Supermarkets in Pennsylvania. *Journal of Food Safety* 33:259-264. Access at: <http://onlinelibrary.wiley.com/doi/10.1111/jfs.12047/pdf>
92. Weil, J., **C. N. Cutter**, R. B. Beelman, and L. F. LaBorde. 2013. Inactivation of Human Pathogens during Phase II Composting of Manure-Based Mushroom Growth Substrate. *Journal of Food Protection* 8:1393-1400.
93. Scheinberg, J. A., W. B. Valderrama, and **C. N. Cutter**. 2013. The Effects of a Pickling Process on the Reduction of *Escherichia coli* O157:H7, *Listeria monocytogenes*, *Salmonella* spp., and *Staphylococcus aureus* Inoculated onto Hard-Cooked Eggs. *Journal of Food Safety* 33:413-417. Access at: <http://onlinelibrary.wiley.com/doi/10.1111/jfs.12069/pdf>
94. Scheinberg, J. A. and **C. N. Cutter**. 2013. Farmers Market Poultry: A New Perspective on Food Safety. Lancaster Farming. http://lfg.live.mediaspanonline.com/assets/9973221/B07LFEW-110213_1.pdf
95. Scheinberg, J. A., R. Radhakrishna, and **C. N. Cutter**. 2013. Food Safety Knowledge, Behavior, and Attitudes of Vendors of Poultry Products sold at Pennsylvania Farmers' Markets. *Journal of Extension*. 51 (6):#6FEA4. Accessed at: http://www.joe.org/joe/2013december/pdf/JOE_v51_6a4.pdf
96. Scheinberg, J. A., A. M. Svoboda, and **C. N. Cutter**. 2013. High-pressure processing and boiling water treatments for reducing *Listeria monocytogenes*, *Escherichia coli* O157:H7, *Salmonella* spp., and *Staphylococcus aureus* during beef jerky processing. *Food Control* 39:105-110. Access at: <http://dx.doi.org/10.1016/j.foodcont.2013.11.002>.
97. Hayes, J. E., C. R. Raines, D. A. DePasquale, and **C. N. Cutter**. 2014. Consumer acceptability of high hydrostatic pressure (HHP)-treated ground beef patties. *LWT - Food Science and Technology*. 56:207-210. Accessed at: <http://www.sciencedirect.com/science/article/pii/S0023643813004179>
98. Morsy, M. K. H. H. Khalaf, A. M. Sharoba, H. H. El-Tanahy, and **C. N. Cutter**. 2014. Incorporation of essential oils and nanoparticles in pullulan films to control foodborne pathogens on meat and poultry products. *Journal of Food Science*. 79:675-684.
99. Pattanayaiying, R., A. H-Kittikun, and C. N. Cutter. 2014. Effect of lauric arginate, nisin Z, and a combination against several food-related bacteria. *International Journal of Food Microbiology* 188:135–146. Accessed at: <http://www.sciencedirect.com/science/article/pii/S0168160514003559#>
100. Valderrama, W. B., N. Ostiguy, and C. N. Cutter. 2014. Multivariate analysis reveals differences in biofilm formation capacity among *Listeria monocytogenes* lineages. *Biofouling*. Vol. 30, No. 10, 1199–1209.

101. Scheinberg, J. A., and **C. N. Cutter**. 2014. Farmers' market food safety: a reality check. *Food Safety*. Accessed at: <http://www.foodsafetymagazine.com/magazine-archive1/augustseptember-2014/food-safety-at-farmers-markets-a-reality-check/>
102. Elizabeth Vandeputte, Lori Pivarnik, Joshua Scheinberg, Robson Machado, **Catherine Cutter**, and Ingrid Lofgren. 2014. Use of a phone application to assess food safety practices at farmer's markets (813.6). *FASEB Journal* vol. 28 no. 1 Supplement813.6. Accessed at: http://www.fasebj.org/content/28/1_Supplement/813.6.short
103. Jiang, Y., J. A. Scheinberg, and **C. N. Cutter**. 2015. The efficacy of short and repeated high-pressure processing treatments on the reduction of non-O157:H7 Shiga-toxin producing *Escherichia coli* in ground beef patties. *Meat Science* 102:22-26. Accessed at: <http://www.sciencedirect.com/science/article/pii/S0309174014005002#>
104. Morsy, M. K. H. H. Khalaf, A. M. Sharoba, H. H.El-Tanahy, and **C. N. Cutter**. 2015. Efficacy of Pullulan-based Coating to Improve Internal Quality and Shelf-life of Chicken Eggs During Storage. *Journal of Food Science* 80: 1066-1074.
105. Jiang, Y., S. Yin, E. G. Dudley, and **C. N. Cutter**. 2015. Diversity of CRISPR loci and virulence genes in pathogenic *Escherichia coli* isolates from various sources. *International Journal of Food Microbiology* 204: 41-46.
106. Pattanayaiying, R., A. H-Kittikun, and **C. N. Cutter**. 2015. Optimization of Formulations for Antimicrobial Pullulan Films Containing Lauric Arginate and Nisin Z. *LWT - Food Science and Technology* 63:1110-1120.
107. Machado, R. A., J. A. Scheinberg, L. F. Pivarnik, and **C. N. Cutter**. 2015. Use of the Smartphone Application "Food Safe Surveys" for Data Collection During DirectConcealed Observations. *Food Protection Trends* 35:357-364.
108. Pattanayaiyinga, R., A. H. Kittikuna, and **C. N. Cutter**. 2015. Incorporation of Bacteriocin I8-7-3 and Lauric Arginate into Pullulan Films for Inhibition of Foodborne Pathogens Associated with Fresh and Ready-to-eat Muscle Foods. *International Journal of Food Microbiology* 207: 77-82. Accessed at:<http://www.sciencedirect.com/science/article/pii/S0168160515002482>
109. Vandeputte, E. G., L. Pivarnik, J. Scheinberg, R. Machado, **C. N. Cutter**, I. E. Lofgren. 2015. An Assessment of Food Safety Handling Practices at Farmers' Markets in Rhode Island. *Food Protection Trends* 35:428-439.
110. Trinetta, V. A., and **C. N. Cutter**. 2016. Pullulan: A suitable biopolymer for food packaging applications. In *Antimicrobial Food Packaging*. Chapter 30, pp. 385-397. Edited by Jorge Barros-Velázquez, Academic Press, San Diego, CA.

111. Gaydos, N. J., H. Gourama, J. A. Scheinberg, C. N. Cutter, and J. A. Campbell. 2016. Fate of spoilage microorganisms associated with production of pickled sausage using a cold fill process. *Food Protection Trends* 5:348-356.
112. 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* 56:1519–1531.
113. Gaydos, N. J., C. N. Cutter, and J. A. Campbell. 2016. Survival of Pathogenic Bacteria Associated with the Production of Pickled Sausage Using a Cold Fill Process. *Journal of Food Protection* 79:1693-1699.
114. Fasoyiro, S., R. Hovingh, H. Gourama, and C. N. Cutter. 2016. Change in water activity and fungal counts of maize-pigeon pea flour during storage utilizing various packaging materials. *Procedia Engineering* 159:72 – 76.
115. Lorenzen, C. A., and C. N. Cutter. 2016. Creating a Food Defense/Response Plan in Food Processing Facilities. *In Food Protection and Security*. pp. 43-60. Edited by Shaun Kennedy. Woodhead Publishing; Cambridge, England.
116. Rivera-Reyes, M., J. A. Campbell, and C. N. Cutter. 2017. Pathogen Reductions Associated with Traditional Processing of Landjäger. *Food Control* 73:768-774.
117. Scheinberg, J. A., E. Dudley, J. A. Campbell, E. Roberts, M. Dimarzio, C. DebRoy, and C. N. Cutter. 2017. The prevalence and phylogenetic characterization of *Escherichia coli* and hygiene indicator bacteria isolated from leafy green produce, beef, and pork obtained from farmers' markets in Pennsylvania. *Journal of Food Protection* 80: 237–244.
118. Machado, R. M., R. Radhakrishna, and C. N. Cutter. 2017. Food Safety of Farmstead Cheese Processors in Pennsylvania: An Initial Needs Assessment. *Food Protection Trends* 37:88-98.
119. Machado, R. M. and C. N. Cutter. 2017. Sanitation indicators as a tool to evaluate a food safety and sanitation training program for farmstead cheese processors. *Food Control* 78:264-269.
120. Fasoyiro, S., H. Gourama, and C. N. Cutter. 2017. Stability and safety of maize–legume-fortified flours stored in various packaging materials. *European Food Research Technology* 243: 1861-1868.
121. Pokharel, S., J. E. Marcy, A. N. Neilan, and C. N. Cutter. 2017. Development, Dissemination, and Assessment of a Food Safety Systems Management Curriculum for Agribusiness Students in Armenia. *Journal of Food Science Education* 16: 107-117.
122. Machado, R. M. and C. N. Cutter. 2018. Training hard-to-reach Pennsylvanian cheesemakers about food safety using a low-tech training tool. *Food Protection Trends* 38:266-283.

123. Pokharel, S., R. M. Machado, and **C. N. Cutter**. 2018. A Needs Assessment of Practices and Procedures in African Food Safety Testing Laboratories. *Food Protection Trends* 38:363-381.
124. Scheinberg, J. A., R. Radharkrishna, J. A. Campbell, and **C. N. Cutter**. 2018. A comprehensive needs assessment of food safety practices of farmers' market vendors in Pennsylvania using direct concealed observations, self-reported surveys, and state sanitarians surveys. *Food Protection Trends* 38: 421-437.
125. Pattanayaiying, R. S. Amporn, P. Photjanataree, and **C. N. Cutter**. 2019. Thermoplastic Starch/Polybutylene Adipate Terephthalate Film Coated with Gelatin Containing Nisin Z and Lauric Arginate for Control of Foodborne Pathogens Associated with Chilled and Frozen Seafood. *International Journal of Food Microbiology* 290:59-67.
126. McKinney, S. R., N. Ostiguy, **C. N. Cutter**, and J. A. Campbell. 2019. Pathogen reductions during traditional fermentation and drying of pork salamis. *Food Protection Trends* 39: 18–27.
127. Rivera-Reyes, M., J. A. Campbell, and **C. N. Cutter**. 2019. Survival of acid-adapted and non-adapted Shiga toxin-producing *Escherichia coli* using an *in vitro* model. *Food Control* 104: 28-33.
128. Tobin, H. S. Lele, S., **C. N. Cutter**, R. Anantheswaran, and L. F. LaBorde. 2020. Hot water sanitization of a commercial mushroom disk slicer to inactivate *Listeria monocytogenes*. *Food Control* 109: *In press*.
129. Hassan, A. and **C. N. Cutter**. 2020. Development and evaluation of pullulan-based composite antimicrobial films 1 (CAF) incorporated with nisin, thymol and lauric arginate to reduce foodborne pathogens associated with muscle foods. *International Journal of Food Microbiology*. *In press*.

Manuscripts in preparation

Ercan Oruc, D., S. Pokharel, M. Bucknavage, H. Gourama, S. Anantheswaran, and **C. N. Cutter**. 2020. Impact of Case Studies on Learning Outcomes in a Food Safety Shortcourse Offered in Ukraine. *Journal of Food Science Education*.

Hassan, A., G. R. Ziegler, and **C. N. Cutter**. 2020. Mechanical and optical characterization of a pullulan-based composite antimicrobial film incorporated with lauric arginate. *LWT - Food Science and Technology*.

Ercan Oruc, D., S. Pokharel, A. Hirneisen, and **C. N. Cutter**. 2020. Training strategies and learning outcomes on personnel of food safety laboratories in East and South Africa. *Journal of Extension*.

Scheinberg, J. A., and **C. N. Cutter**. 2020. The development and pilot test of a face-to-face food safety training program for farmers' market vendors in Pennsylvania. *Food Protection Trends*.

Abstracts:

1. **Nettles, C. G.**, S. F. Barefoot and A. B. Bodine. 1991. Purification and partial sequence of the *Lactobacillus acidophilus* bacteriocin, lactacin B. Abstract P-91, p. 100, Program and Abstracts of Annual Meeting of the Society for Industrial Microbiology.
2. **Nettles, C. G.** and G. R. Siragusa. 1993. Population reductions of gram negative pathogens following treatments with nisin under various conditions. P-44, p. 339, Abstracts of 93rd Annual Meeting, American Society for Microbiology.
3. G. R. Siragusa and **C. G. Nettles**. 1993. Bacteriocin production in the genus *Brochothrix*. P-40, p. 338, Abstracts of 93rd Annual Meeting, American Society for Microbiology.
4. **Cutter, C. N.** and G. R. Siragusa. 1993. Efficacy of organic acids against *Escherichia coli* O157:H7 attached to beef carcass tissue using a pilot scale model carcass washing system. Recip. Meat Conf. Proc. 46:72.
5. **Nettles, C. G.** and G. R. Siragusa. 1993. Growth of food borne pathogens on meat following treatments with nisin and chelating agents. Abstract 690, p. 174, Institute of Food Technologists 53rd Annual Meeting.
6. Dickson, J. S., **C. G. Nettles** and G. R. Siragusa. 1993. Antimicrobial effects of trisodium phosphate against bacteria attached to beef tissue. Dairy Food Environ. Sanit. 13:430-431.
7. **Cutter, C. N.** and G. R. Siragusa. 1994. Decontamination of beef carcass tissue with bacteriocins using a model carcass washer. Dairy Food Environ. Sanit. 14(10):600.
8. Siragusa, G. R. and **C. N. Cutter**. 1994. ATP Luminescence as a means to rapidly detect microbial and fecal contamination on carcass tissue. Dairy Food Environ. Sanit. 14(10):599.
9. **Cutter, C. N.** and W. J. Dorsa. 1995. Effect of chlorine dioxide spray washes for reducing fecal contamination on beef. Abstract 94, p. 58, IAMFES 82nd Annual Meeting Program & Abstract Book.
10. Dorsa, W. J., **C. N. Cutter**, G. R. Siragusa, and M. Koohmaraie. 1995. Microbial decontamination of fecally contaminated carcasses as affected by various temperature water sprays and steam. Abstract 18, p. 36, IAMFES 82nd Annual Meeting Program & Abstract Book.
11. **Cutter, C. N.** 1995. Novel approaches in hurdle technology. Symposium--Hurdles to improve safety and quality of ready-to-eat (RTE) meats. Abstract 106, p. 62, IAMFES 82nd Annual Meeting Program & Abstract Book.
12. **Cutter, C. N.** and G. R. Siragusa. 1996. Immobilization of nisin in an edible gel for reducing bacteria on the surface of beef and in ground beef. Abstract 15, p. 34, IAMFES 83rd Annual Meeting Program & Abstract Book.
13. **Cutter, C. N.** 1996. Intervention strategies for reducing *Escherichia coli* O157:H7 on red meat carcasses. Abstract S-133, p. 90, Program and Abstracts of Annual Meeting of the Society for Industrial Microbiology.

14. **Cutter, C. N.**, W. J. Dorsa, and G. R. Siragusa. 1997. Rapid desiccation with heat in combination with water washing for reducing bacteria on beef carcass surfaces. Abstract T26, p. 60, IAMFES 84th Annual Meeting Program and Abstract Book. (Invited poster presentation)
15. **Cutter, C. N.**, W. J. Dorsa, and G. R. Siragusa. 1997. Parameters affecting the efficacy of spray washes against *Escherichia coli* O157:H7 and fecal contamination of beef. Recip. Meat Conf. Proc. 50:162-163. (Invited poster presentation)
16. Dorsa, W. J., **C. N. Cutter**, and G. R. Siragusa. 1997. The microbial profile of refrigerated subprimals from beef carcasses that have received hot water, alkaline, or organic acid wash interventions prior to contamination with bacterial pathogens. Recip. Meat Conf. Proc. 50:164. (Poster presentation)
17. Siragusa, G. R., W. J. Dorsa, **C. N. Cutter**, and M. Koohmaraie. 1997. The incidence of *E. coli* on beef carcasses is related to aerobic plate count levels. Recip. Meat Conf. Proc. 50:162. (Poster presentation)
18. **Cutter, C. N.**, G. R. Siragusa, W. J. Dorsa, and M. Koohmaraie. 1997. A rapid microbial ATP bioluminescence assay for meat carcasses. Nat. Managed Health Care Conf. on Biotechnology-based Diagnostics for Food Safety Testing, Orlando, FL, July 10-11. (Invited presentation)
19. **Cutter, C. N.** and W. J. Dorsa. 1998. Antimicrobial activity of cetylpyridinium chloride washes against pathogenic bacteria on beef surfaces. Recip Meat Conf. Proc. 51:177. (Poster)
20. **Cutter, C. N.** 1998. Triclosan-incorporated plastic for reducing bacteria on meat surfaces. IAMFES 85th Ann. Mtg. Progr. & Abstr. Book. Abstract T10, p. 66.
21. Berry, E. D. and C. N. **Cutter**. 1999. Effects of differences in acid resistance and acid adaptation of *Escherichia coli* O157:H7 on efficacy of organic acid spray washing of beef carcass tissue. 99th General Meeting of the American Society for Microbiology. Chicago, IL, May 30-June 3, 1999. (Poster)
22. **Cutter, C. N.**, J. L. Willet, and G. R. Siragusa. 1999. Improved activity of nisin-incorporated plastic by formulation change and addition of food grade chelators. "Bacteriocins: Progress in Food Application and Regulatory Aspects," November 7-9, 1999, Horsholm, Denmark.
23. **Cutter, C. N.** 1999. The application and regulatory aspects of bacteriocins and bacteriocin-producing bacteria in meats. Bacteriocins: Progress in food application and regulatory aspects. Horsholm, Denmark, November 8-9, 1999. (Invited presentation)
24. Rivera-Bentacourt, M. and **C. N. Cutter**. 2000. Comparison study between rough and smooth phenotypes of *Escherichia coli* O157:H7 associated with beef surfaces following spray interventions. 99th General Meeting of the American Society for Microbiology. Chicago, IL, May 22-May 25, 2000. (Poster)
25. Valente, L. M., K. E. Oskin, P. N. Walker, **C. N. Cutter**, and E. W. Mills. 2000. Near infrared spectroscopy for assessing microbial counts and shelf life of beef. American Meat Science Association, Recip. Meat Conf. Proc. 53:137. (Poster)

26. K. A. Barstad , R. R. Sharma, A. Demirci, and **C. N. Cutter**. 2001. Comparison of electrolyzed oxidizing water with various antimicrobial interventions to reduce *Salmonella* spp. on poultry. Abstract # 1232, Joint Meeting of the American Dairy Science Association, American Meat Science Association, American Society of Animal Science, and Poultry Science Association. July 24-28, Indianapolis, IN.
27. V. P. Chang, E. W. Mills, and **C. N. Cutter**. 2001. Comparison of recovery methods for freeze-injured *Listeria monocytogenes*, *Salmonella* Typhimurium and *Campylobacter coli* associated with cell suspensions and pork surfaces. Abstract # 1526, Joint Meeting of the American Dairy Science Association, American Meat Science Association, American Society of Animal Science, and Poultry Science Association. July 24-28, Indianapolis, IN.
28. Miller, B. J. and **C. N. Cutter**. 2001. Incorporation of nisin into a collagen film retains antimicrobial activity against *Listeria monocytogenes* and *Brochothrix thermosphacta* associated with a ready-to-eat meat product. Abstract # 1527, Joint Meeting of the American Dairy Science Association, American Meat Science Association, American Society of Animal Science, and Poultry Science Association. July 24-28, Indianapolis, IN.
29. L. J. Heffner , S. L. Flowers, S. L. Hestand, G. L. Kehres, S. Doores, E. W. Mills, and **C. N. Cutter**. 2001. Survival of *Listeria* spp. following bacon processing. Abstract # 1528, Joint Meeting of the American Dairy Science Association, American Meat Science Association, American Society of Animal Science, and Poultry Science Association. July 24-28, Indianapolis, IN.
30. Kathiravan, K., A. Demirci, V. M. Puri, and **C. N. Cutter**. 2002. Paper # 11-027007. Effect of packaging materials on inactivation of pathogenic microorganisms on meat during irradiation. ASAE/CIGR Annual International Meeting, July 28-31, 2002, Chicago, IL.
31. Kathiravan, K., A. Demirci, V. M. Puri, and **C. N. Cutter**. 2002. Poster # P179; Effect of packaging materials on inactivation of pathogenic microorganisms on meat during irradiation. International Association of Food Protection Annual Meeting, June 30-July 3, 2002, San Diego, CA.
32. Kathiravan, K., A. Demirci, V. M. Puri, and **C. N. Cutter**. 2002. Paper # 02-006; Effect of packaging materials on inactivation of pathogenic microorganisms on meat during irradiation. Northeast Agricultural Biological Engineering Conference, June, Quebec City, Quebec, Canada.
33. Flowers, S. L., M. Costello, P. M. Gray, D. Kang, M. M. Brashears, A. Echeverry, J. E. Mann W. R. Henning, E. W. Mills, and **C. N. Cutter**. 2003. A microbiological profile of red meat carcasses processed in very small establishments in three geographical regions of the United States. American Meat Science Association, Reciprocal Meat Conference, June 15-18, Columbia, MO.
34. Nieto-Montenegro, S., Brown, J., LaBorde, L., **Cutter, C.** and Radhakrishna R. 2003. Poster # 45B-4. Development of food safety educational materials and training strategies for Hispanic workers in the mushroom industry. Institute of Food Technologists Annual Meeting, Chicago, IL, July 13-16, 2003.

35. Nieto-Montenegro, S., Brown, J., LaBorde, L., **Cutter, C.** and Radhakrishna R. 2003. Poster # 92D-7. Evaluating food safety needs in the food industry using a “Worker-based Model.” Institute of Food Technologists Annual Meeting, Chicago, IL, July 13-16, 2003.
36. **Cutter, C. N.**, and B. J. Miller. 2003. Poster # 281. Use of an acid phosphatase assay to detect deviations in thermal processing of seafood. International Association of Food Protection, Annual Meeting, August 10-13, 2003, New Orleans, Louisiana.
37. **Cutter, C. N.** and N. Ramesh. 2003. Poster # 055. Incorporation of sodium lactate and/or sodium diacetate enhances thermal destruction of *Escherichia coli* O157:H7, *Salmonella* Typhimurium, or *Listeria monocytogenes* in meat and poultry products. International Association of Food Protection, Annual Meeting, August 10-13, 2003, New Orleans, Louisiana.
38. Geiger, A. M., B.C. Joyce, E. W. Mills, and **C.N. Cutter**. 2004. Poster # 22644. Effects of commercial chilling methods for reducing bacteria on pork carcasses. Institute of Food Technologists Annual Meeting, Las Vegas, NV, July 12-16, 2004.
39. Joyce, B. C., E.W. Mills, A. M. Geiger, and **C.N. Cutter**. 2004. Poster #22959. Microbial counts on overhead surfaces and in condensate in pork carcass coolers. Institute of Food Technologists Annual Meeting, Las Vegas, NV, July 12-16, 2004.
40. Britton, R. M., E. W. Mills, W. R. Henning, and **C. N. Cutter**. 2004. Poster # 22714. Application of post-packaging heat treatments to reduce *Listeria monocytogenes* on ready-to-eat meat products produced by very small meat establishments. Institute of Food Technologists Annual Meeting, Las Vegas, NV, July 12-16, 2004.
41. Britton, R. M., R. Hollender, E. W. Mills, W. R. Henning, and **C. N. Cutter**. 2004. Sensory evaluation of four post-packaging heat-treated ready-to-eat meat products produced by small very small meat establishments. American Meat Science Association, Reciprocal Meat Conference, June 20-21, Lexington, KY. (Poster)
42. **Cutter, C. N.** 2004. Control of *Listeria monocytogenes* at the retail level. Symposium #02. International Association of Food Protection Annual Meeting, Phoenix, AZ. August 8-11, 2004.
43. **Cutter, C. N.** 2005. Pathogen survival in dried fermented meat and partially cooked products: real solutions to real problems. International Association of Food Protection Annual Meeting, Baltimore, MD, August 14-17, 2005.
44. Fenton, G. D., L. F. LaBorde, J. L. Brown, R. B. Radhakrishna, and **C. N. Cutter**. 2005. Comparison of computer-based and face-to-face personal hygiene training methods in food processing facilities. International Association of Food Protection Annual Meeting, Baltimore, MD, August 14-17, 2005.
45. Fenton, G. D., R. B. Radhakrishna, and **C. N. Cutter**. 2006. Participation in “Handwashing University” promotes proper handwashing techniques for youth. Proceedings of the National Association of Extension 4-H Agents Conference. Vol. 59, p. 28.
46. Fenton, G. D., E. M. Grasso, N. E. Kiernan, C. N. Cutter. 2006. Survey of food safety practices and potential control measures to reduce listeriosis at the consumer level. Poster # 020D-02. Institute of Food Technologists Annual Meeting, Orlando, FL. June 24-28, 2006.

47. **Cutter, C. N.** 2006. Opportunities for bio-based packaging technologies to improve the quality and safety of fresh and further processed muscle foods. International Congress of Meat Science and Technology (ICoMST). Dublin, Ireland. August 13-18, 2006.
48. Yoder, S. F., E. W. Mills, W. R. Henning, N. Ostiguy, S. Doores, and **C. N. Cutter.** 2007. The efficacy of microbiological diluents for the recovery of foodborne pathogens associated with homogenized beef tissue. Institute of Food Technologists Annual Meeting. Poster # 098-11. Chicago, IL; July 29-Aug. 1, 2007.
49. Yoder, S. F., E. W. Mills, W. R. Henning, N. Ostiguy, S. Doores, and **C. N. Cutter.** 2007. The efficacy of water washes against pathogens associated with beef surfaces processed in very small meat establishments. Institute of Food Technologists Annual Meeting. Poster # 098-26. Chicago, IL; July 29-Aug. 1, 2007.
50. Geiger, A. M., C. DebRoy, and **C. N. Cutter.** 2007. Prevalence of *Campylobacter* spp. in red meat and poultry processed in Pennsylvania. Institute of Food Technologists Annual Meeting. Poster # 098-14. Chicago, IL; July 29-Aug. 1, 2007.
51. Yoder, S. F., E. W. Mills, W. R. Henning, N. Ostiguy, S. Doores, and **C. N. Cutter.** 2007. Investigation of antimicrobial rinses suitable for very small meat establishments to reduce pathogens from inoculated beef surfaces. International Association of Food Protection Annual Meeting. Poster # P2-17; Orlando, FL; July 8-11, 2007.
52. Yoder, S. F., E. W. Mills, W. R. Henning, N. Ostiguy, S. Doores, and **C. N. Cutter.** 2007. Investigation of a multi-step intervention suitable for very small meat establishments to reduce pathogens from inoculated beef surfaces. International Association of Food Protection Annual Meeting. Poster #P2-16. Orlando, FL; July 8-11, 2007.
53. Yoder, S. F., W. R. Henning, K. D. Kang, M. M. Brashears, and **C. N. Cutter.** 2007. Microbiological baselines validate a multi-step antimicrobial intervention for red meat carcasses processed in very small meat establishments. Poster #55. Reciprocal Meat Conference. American Meat Science Association Annual Meeting; Brookings, SD; June 17-20, 2007.
54. Yoder, S. F., E. W. Mills, W. R. Henning, N. Ostiguy, S. Doores, and **C. N. Cutter.** 2007. An assessment of carcass decontamination interventions and employee training needs in very small establishments located in Pennsylvania. Poster # 57. Reciprocal Meat Conference. American Meat Science Association Annual Meeting; Brookings, SD; June 17-20, 2007.
55. **Cutter, C. N.** 2007. HACCP Programs for the Meat and Poultry Industry: Where are we going? How do we get there? Congreso Internacional de Inocuidad Alimentaria 2007. Chihuahua, Mexico. October 3-5, 2007.
56. W. Valderrama, E. W. Mills, and **C. N. Cutter.** 2008. P2-39. Efficacy of chlorine dioxide against *Listeria monocytogenes* in brine solutions. International Association of Food Protection Annual Meeting Abstracts, page 89. Columbus, OH. August 3-6, 2008.

57. Trinetta, V., **C. N. Cutter**, J. D. Floros. 2008. PN-26. Effectiveness of sakacin incorporation in composite biopolymers for food packaging application. Book of Abstracts: 3rd Shelf Life International Meeting, June 2008, Ischia, Naples (Italy).
58. Trinetta, V., **C. N. Cutter**, J. D. Floros. 2008. P-53. Development of Sakacin A-containing pullulan films for active antimicrobial packaging. International Association of Food Protection Fourth European Symposium on Food Safety Advancements in Food Safety; Lisbon, Portugal 19–21, November 2008.
59. **C. N. Cutter**. 2009. Food safety in the United States: an Integrated Approach. National Meeting on Food Chemistry, from the Portuguese Society of Chemistry. Azores, Portugal. April 29-May 2, 2009.
60. Lok, M., **C. N. Cutter**, S. J. Knabel. 2009. *Clostridium gasigenes* causes blown-pack spoilage of vacuum-packaged, high-pressure-treated, cooked, natural chicken sausage. Poster 103-525. American Society of Microbiology Annual Meeting; May 17-21; Philadelphia, PA
61. Trinetta, V., J. D. Floros, **C. N. Cutter**. 2009. Sakacin-A containing pullulan films: development of an antimicrobial bio-packaging system. Institute of Food Technologists Annual Meeting, Abstract # 86-06, June 6-9; Anaheim, CA.
62. Valderrama, W. B. and **C. N. Cutter**. 2009. Effect of various factors on the formation of biofilms by strains of *Listeria monocytogenes*. International Association of Food Protection Annual Meeting Abstracts, page 78; Poster Abstracts #P1-47; Grapevine, TX; July 12-15, 2009.
63. Richard, A. E., S. M. Crutchfield, and **C. N. Cutter**. 2010. Validation of a pickling process for reducing foodborne pathogens associated with hard cooked eggs. Institute of Food Technologists Annual Meeting, Abstract # 038-14; Chicago, IL. Accessed at: <http://ift2010.abstractsnet.com/aabstract.wcs?entryid=000201>
64. Valderrama, W. B. and **C. N. Cutter**. 2010. Evaluation of attachment capacity of *Listeria monocytogenes* isolates in response to different growth conditions using multivariate analysis. International Association of Food Protection Annual Meeting Abstracts, page 143; Poster Abstracts P2-129 Anaheim, CA, July 2010. http://www.foodprotection.org/files/annual_meeting/iafp-2010-abstracts-posters-2010.pdf
65. Richard, A.E., J. L. Brown, S. Nieto-Montenegro, **C. N. Cutter**, R.B. Radhakrishna, E. P. Yoder. 2011. Development and implementation of a “counter-top” training program to increase retention of food safety knowledge, alter behavior, improve attitude, and increase skills of Spanish-speaking retail employees. Institute of Food Technologists Annual Meeting, Abstract # 040-01; New Orleans, LA. June 11-14, 2011. Access at: <http://www.abstractsonline.com/Plan/ViewAbstract.aspx?sKey=95d25616-928f-4433-aae9-f67d8b316eef&cKey=8e53439a-2195-4e7d-a94c-3febd0dcbf20&mKey={5E9A5CC6-1393-42B9-9C0F-C4E53434EF26}>

66. Richard, A., L. Brown, R. Radhakrishna, E. P. Yoder, S. Nieto-Montenegro, and **C. Cutter**. 2011. Mystery shopping as a way to collect needs assessment data for food safety training purposes. Presentation 611. Evaluation 2011: Values and Valuing in Evaluation; November 2-5, Anaheim, California; page 104.
67. **C. N. Cutter**, and C. R. Raines. 2011. High Pressure Processing: Food Safety's Next Big Squeeze. 2011 American Meat Science Association's Reciprocal Meat Conference, Kansas State University, Manhattan, KS, June 19-21, 2011.
<http://www.meatscience.org/Page.aspx?ID=7497>
68. Robertson, L. A., B. Chapman, **C. N. Cutter**, J. Eifert, N. Franz, A. Villalba and R. R. Boyer, 2011. Assessment of Food Safety Educational Needs and Current Practices of Front-line Grocery Food Handlers through Survey and Observational Data Collection. P3-88. International Association of Food Protection annual meeting. Milwaukee, WI, July 31- August 3, 2011.
http://www.foodprotection.org/files/annual_meeting/iafp-2011-program-2011.pdf
69. Scheinberg, J. A., S. Doores, R. Radhakrishna, **C. N. Cutter**. 2012. A Microbiological Comparison of Poultry Products Obtained from Farmers' Markets and Supermarkets in Pennsylvania. #T5-06. International Association of Food Protection annual meeting. Providence, RI, July 22-25, 2012.
<https://iafp.confex.com/iafp/2012/webprogram/Paper1919.html>
70. **Cutter, C. N.** 2012. Local Foods: Food Safety Risks and Benefits symposium; Microbiological Assessment of Poultry Sold in Farmers' Markets. International Association of Food Protection Annual meeting. Providence, RI, July 22-25, 2012.
<https://iafp.confex.com/iafp/2012/webprogram/Session1118.html>
71. Svoboda, A. M. C. DebRoy, E. W. Dudley, E. W. Mills, and **C. N. Cutter**. 2012. Presence of Shiga-toxin Producing *Escherichia coli* in Small and Very Small Beef Processing Plants and Resulting Beef Products Detected by a Multiplex Polymerase Chain Reaction Assay. #P3-16. International Association of Food Protection Annual meeting. Providence, RI, July 22-25, 2012. <https://iafp.confex.com/iafp/2012/webprogram/Paper1600.html>
72. **Cutter, C. N.** 2012. Best Practices in Food Microbiology: Incorporating Extension and Service into Food Microbiology Teaching and Vice-Versa. #109-04. 2012 IFT Annual Meeting, June 25 - 28, Las Vegas NV. <http://www.ift.org/Meetings-and-Events/Past-Meeting-Resources/Technical%20Abstract%20Search%20Details.aspx?id=54377>
73. **Cutter, C. N.** and A. M. Svoboda. 2012. Incidence of Shiga-Toxin Producing *Escherichia coli* in Small and Very Small Beef Processing Plants and Resulting Beef Products Detected by a Multiplex Polymerase Chain Reaction Assay. #061-03. 2012 IFT Annual Meeting, June 25 - 28, Las Vegas NV. <http://www.ift.org/Meetings-and-Events/Past-Meeting-Resources/Technical%20Abstract%20Search%20Details.aspx?id=54982>

74. Gipe, A. N., E. W. Mills, K. B. Kephart, C. R. Raines, and **C. N. Cutter**.* 2012. Inhibition of foodborne pathogens in no nitrate- or nitrite-added bacon brine formulations. International Congress of Meat Science and Technology (ICoMST). Montreal, Canada. August 12-17, 2012. Abstract #186.
75. Scheinberg, J., Radhakrishna, R., Doores. S., and **Cutter, C.** 2012. Food Safety Knowledge, Behavior and Attitudes of Vendors of Poultry Products Sold at Pennsylvania Farmers' Markets. Poster presented at the American Evaluation Association Conference, Minneapolis, MN. (Poster #159)
76. Scheinberg, J. A., S. Diabagate, and C. N. Cutter. 2014. COMP07-01. Incorporation of a Buffered Vinegar Solution to Control Growth of *Listeria monocytogenes* and Lactic Acid Bacteria in Hot Dogs. 2014 IFT Annual Meeting, June 21 – 24, 2014, New Orleans, LA. Accessed at: <http://www.ift.org/Meetings-and-Events/Past-Meeting-Resources/Technical%20Abstract%20Search%20Details.aspx?id=59828>
77. Gaydos, N., H. Gourama, **C. N. Cutter**, J. A. Campbell. 2015. Abstract #XXX. Survival of Spoilage Microorganisms Associated with Pickled Sausage Using a “Cold Fill” Process. Reciprocal Meat Conference; Annual Meeting of the American Society of Meat Science, June 2015; Lincoln, NE.
78. Arteaga, S., **C. N. Cutter**, J. A. Campbell, and E. W. Mills. 2015. Oxygen scavengers affect meat properties and carbon dioxide and carbon monoxide gas concentrations in low-oxygen master packed ground beef. Abstract #XXX. Reciprocal Meat Conference; Annual Meeting of the American Society of Meat Science, June 2015; Lincoln, NE.
79. Rivera, M., J. A. Campbell, and **C. N. Cutter**. 2015. Pathogen reductions associated with traditional processing of landjäger: a pilot study. Annual Meeting of International Association of Food Protection, July 2015; Portland, OR
80. Machado, R. A., J. A. Scheinberg, and **C. N. Cutter**. 2015. Use of a Smartphone Application (“Food Safe Surveys”) for Data Collection During Direct Concealed Observations. Meeting of International Association of Food Protection, July 2015; Portland, OR.
81. Machado, R. A., and **C. N. Cutter**. 2015. Food Safety of Farmstead Cheese Processors in Pennsylvania: An Initial Needs Assessment. Annual Meeting of International Association of Food Protection, July 2015; Portland, OR.
82. Scheinberg, J. A., R. Radhakrishna, and **C. N. Cutter**. 2015. A Comprehensive Needs Assessment of Retail Food Safety Practices of Farmers' Market Vendors in Pennsylvania. Annual Meeting of International Association of Food Protection, July 2015; Portland, OR.
83. Fasoyiro, S., R. Hovingh, H. Gourama, and **C. N. Cutter**. 2016. Change in water activity and fungal counts of maize-pigeon pea flour during storage utilizing various packaging materials. Humanitarian Technology: Science, Systems and Global Impact 2016, HumTech2016, 7-9 June 2016, Massachusetts, USA.

84. Scheinberg, J. A., E. Dudley, J. A. Campbell, E. Roberts, M. Dimarzio, C. DeRoy, and C. N. Cutter. 2016. The prevalence and phylogenetic characterization of *Escherichia coli* and hygiene indicator bacteria isolated from leafy green produce, beef, and pork obtained from farmers' markets in Pennsylvania. International Association of Food Protection, August 2016; St. Louis, MO.

Extension Publications:

(Note: Except where otherwise noted, publications were produced through Pennsylvania State University, College of Agricultural Sciences Publications)

1. 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.
2. R. A. Machaco 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.
3. Cutter, C. N. and M. W. Bucknavage. 2015. Food Safety Poster: Wash Hands. <http://pubs.cas.psu.edu/FreePubs/pdfs/uk061.pdf> (In English and Spanish).
4. Cutter, C. N. and M. W. Bucknavage. 2015. Food Safety Poster: Control Food Temperatures. <http://pubs.cas.psu.edu/FreePubs/pdfs/uk063.pdf> (In English and Spanish).
5. Cutter, C. N. and M. W. Bucknavage. 2015. Food Safety Poster: Cool Foods Quickly. <http://pubs.cas.psu.edu/FreePubs/pdfs/uk064.pdf> (In English and Spanish).
6. Cutter, C. N. and M. W. Bucknavage. 2015. Food Safety Poster: Prevent Cross-Contamination. <http://pubs.cas.psu.edu/FreePubs/pdfs/uk062.pdf> (In English and Spanish).
7. Cutter, C. N., J. Eifert, and S. Nieto-Montenegro. 2013. Countertop Food Safety Training Program for Retail Employees. Six (6) stand-alone modules (English and Spanish): ABC's of Food Safety; Personal Hygiene; Handwashing and Gloves; Cross Contamination; Sanitation; Allergens.
8. Cutter, C. N. and M. W. Bucknavage. 2013. Canning of meat and poultry. <http://www.pubs.cas.psu.edu>
9. Cutter, C. N. 2011. A guide to proper care and handling of venison from field to table (revised; pamphlet).
10. Cutter, C. N. 2011. A guide to proper care and handling of fowl from field to table (revised, pamphlet).

11. **Cutter, C. N.** 2011. A guide to proper care and handling of fish from stream to table(revised, pamphlet). <http://pubs.cas.psu.edu/FreePubs/pdfs/uk068.pdf>
12. **Cutter, C. N.** 2011. Proper processing of wild game and fish (revised, booklet).
13. **Cutter, C. N.** 2011. Proper field dressing and handling of wild game and fish(revised booklet).
14. **C. N. Cutter** and S. Nieto-Montenegro. 2010. Countertop Food Safety Training Program for Employees of USDA-Inspected Egg, Meat & Poultry Establishments; 8 stand-alone modules (English and Spanish): ABC's of Food Safety; Personal Hygiene; Handwashing and Gloves; Cross Contamination; Sanitation; Allergens; Food Defense; and ABC's of HACCP. Access at: http://www.fsis.usda.gov/FSIS_Employees/Counter_Top_FS_Training/index.asp
15. Ehret, M., M. Bucknavage, and **C. N. Cutter.** 2007. Handwashing (brochure). <http://pubs.cas.psu.edu/FreePubs/pdfs/UK139.pdf>
16. **Cutter, C. N.** 2007. Fight Bac (brochure). <http://pubs.cas.psu.edu/freepubs/pdfs/uk050.pdf>
17. **Cutter, C. N.** 2006. Control de *Listeria monocytogenes* en establecimientos al por menor (Booklet) http://foodsafety.psu.edu/retail_listeria/SpainControl_LM_Retail.pdf
18. **Cutter, C. N.** 2006. Control de *Listeria monocytogenes* en establecimientos al por menor (42 minute DVD). http://foodsafety.psu.edu/retail_listeria/resources.html
19. **Cutter, C. N.** 2006. Tailgating Tips: Be on the offense against foodborne illness.(Brochure) (<http://pubs.cas.psu.edu/FreePubs/pdfs/UK135.pdf>)
20. **Cutter, C. N.** 2006. Tailgating Tips: Be on the offense against foodborne illness. (4-panel display) <http://www.foodsafety.psu.edu/tailgating.html>
21. **Cutter, C. N.** 2006. Control of *Listeria monocytogenes* in retail establishments. <http://pubs.cas.psu.edu/FreePubs/pdfs/uk137.pdf>
22. K. Wernosky and **C. N. Cutter.** 2006. Implementation of a post-packaging heat treatment to reduce *Listeria monocytogenes* on ready-to-eat meat products produced by very small meat and poultry establishments (10 minute DVD) <http://archive.org/details/gov.usda.haccp.post>
23. K. Wernosky and **C. N. Cutter.** 2005. Implementation of a post-packaging heat treatment to reduce *Listeria monocytogenes* on ready-to-eat meat products produced by very small meat and poultry establishments (14 page booklet) <http://archive.org/details/gov.usda.haccp.post> or <http://www.youtube.com/watch?v=TmilABNxlh4>

24. S. L. Flowers **and C. N. Cutter** 2005. Antimicrobial spray treatments for red meat carcasses processed in very small meat establishments (30 page booklet) <http://extension.psu.edu/food-safety/resources-contacts/small-and-very-small-meat-processors/resources/antimicrobial-spray>
25. S. L. Flowers and **C. N. Cutter**. 2005. Antimicrobial spray treatments for red meat carcasses processed in very small meat establishments (15 minute DVD) <http://extension.psu.edu/food-safety/resources-contacts/small-and-very-small-meat-processors/resources/antimicrobial-spray>
26. **Cutter, C. N.** 2005. Control of *Listeria monocytogenes* in retail establishments. (42 minute DVD) (http://foodsafety.cas.psu.edu/retail_listeria.html)
27. **Cutter, C. N.** 2003. Control de *Listeria monocytogenes* en pequenas plantas procesadoras de carnes y aves. (26 minute VHS video) http://foodsafety.cas.psu.edu/listeria_video.html
28. **Cutter, C. N.** and W. R. Henning. 2003. Control de *Listeria monocytogenes* en pequenas plantas procesadoras de carnes y aves. (30 page booklet) http://foodsafety.cas.psu.edu/front_line/Spanish_Control_Listeria.pdf
29. **Cutter, C. N.** 2003. Control of *Listeria monocytogenes* in small meat and poultry establishments (26 minute VHS video). http://foodsafety.cas.psu.edu/listeria_video.html
30. **Cutter, C. N.** and W. R. Henning. 2003. Control of *Listeria monocytogenes* in small meat and poultry establishments. (30 page booklet). http://foodsafety.cas.psu.edu/front_line/Cotrolling_Listeria_2.pdf
31. **Cutter, C. N.** 2002. Field Dressing Deer (Pocket Guide). <http://pubs.cas.psu.edu/freepubs/pdfs/uk100.pdf>
32. **Cutter, C. N.** 2001. Safe Field Dressing (4-Panel Display).
33. **Cutter, C. N.** 2001. Proper Field Dressing of Venison (18" x 36" poster)
34. Henning, W. R., and **C. N. Cutter**. 2001. Controlling *Listeria monocytogenes* in small meat and poultry establishments (USDA-FSIS publication). <http://www.fsis.usda.gov/Frame/FrameRedirect.asp?main=/oppdc/nis/outreach/listeria.htm>
35. **Cutter, C. N.** and W. R. Henning. 2000. FAQ-Irradiation of meats (pamphlet). <http://pubs.cas.psu.edu/FreePubs/pdfs/uk069.pdf>
36. **Cutter, C. N.** 2000. A guide to proper care and handling of venison from field to table (pamphlet). <http://pubs.cas.psu.edu/FreePubs/pdfs/uk066.pdf>
37. **Cutter, C. N.** 2000. A guide to proper care and handling of fowl from field to table (pamphlet). <http://pubs.cas.psu.edu/FreePubs/pdfs/uk067.pdf>

38. **Cutter, C. N.** 2000. A guide to proper care and handling of fish from stream to table (pamphlet).
<http://pubs.cas.psu.edu/FreePubs/pdfs/uk068.pdf>
39. **Cutter, C. N.** 2000. Proper processing of wild game and fish (booklet). <http://pubs.cas.psu.edu/FreePubs/pdfs/uh072.pdf>
40. **Cutter, C. N.** 2000. Proper field dressing and handling of wild game and fish (booklet). <http://pubs.cas.psu.edu/FreePubs/pdfs/uh071.pdf>