

CURRICULUM VITAE

Kirk E. Smith, D.V.M., M.S., Ph.D.

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Education:

1995 Ph.D. (Veterinary Parasitology)
College of Veterinary Medicine, The University of Georgia

1991 M.S. (Veterinary Preventive Medicine)
College of Veterinary Medicine, Iowa State University

1990 D.V.M.
College of Veterinary Medicine, Iowa State University

1986 B.S. (Biology)
University of North Dakota

Professional Experience:

2022 – Present Deputy State Epidemiologist, Minnesota Department of Health

2014 – Present Manager - Foodborne, Waterborne, Vectorborne, and Zoonotic Diseases Section, Infectious Diseases Epidemiology, Prevention, and Control Division, Minnesota Department of Health

1999 – 2014 Supervisor - Foodborne, Vectorborne, and Zoonotic Diseases Unit, Acute Disease Investigation and Control Section, Minnesota Department of Health

2000 – 2003 State Public Health Veterinarian
Minnesota Department of Health

1999 – 2004 Editor - *Disease Control Newsletter*, Division of Infectious Disease Epidemiology, Prevention, and Control, Minnesota Department of Health

1998 – 1999 Infectious Disease Epidemiologist - Foodborne, Vectorborne, and Zoonotic Diseases Unit, Acute Disease Epidemiology Section, Minnesota Department of Health

Professional Experience: (continued)

1996 – 1998	Medical Epidemiologist, Epidemic Intelligence Service, Centers for Disease Control and Prevention and Acute Disease Epidemiology Section, Minnesota Department of Health
1995 – 1996	Wildlife Veterinarian, Southeastern Cooperative Wildlife Disease Study, College of Veterinary Medicine, The University of Georgia
1991 – 1995	Graduate Research Assistant, Southeastern Cooperative Wildlife Disease Study, College of Veterinary Medicine, The University of Georgia
1990 – 1991	Graduate Student Assistant, Department of Microbiology, Immunology, and Preventive Medicine, College of Veterinary Medicine, Iowa State University

Honors/Awards:

2023	Stephen B. Thacker Excellence in Mentoring Award, Epidemic Intelligence Service
2015	Bill Keene Award for Excellence in Epidemiology, Centers for Disease Control and Prevention (CDC) OutbreakNet
2013	Mackel Award Co-Winner, CDC
2013	James M. Nakano Citation Award for Outstanding Scientific Publication Co-Winner, CDC
2013	Star Award, Minnesota Department of Health
2011	Distinguished Service Award, Minnesota Agri-Growth Council (to MDH for distinguished service to Minnesota's food and agriculture industry)
2011	Charles C. Shepard Science Award Co-Winner, CDC
2009	Alexander D. Langmuir Prize Manuscript Co-Winner, CDC
2009	Merit Award, Minnesota Environmental Health Association
2009	Veterinarian of the Year, American Association of Food Hygiene Veterinarians
2008-2009	Community Partner Award, University of Minnesota School of Public Health ("Team Diarrhea")
2002	James H. Steele Veterinary Public Health Award, CDC
1995	Wildlife Disease Association Best Student Presentation Terry Amundson Award
1995	Animal Disease Research Workers in Southern States Best Student Presentation Award
1990	Iowa State University College of Veterinary Medicine Senior Scholastic Award

Professional Organizations:

Minnesota Environmental Health Association
National Association of State Public Health Veterinarians
Council of State and Territorial Epidemiologists

Reviewer:

American Journal of Veterinary Diagnostic Investigation
Clinical Infectious Diseases
Clinical Microbiology Reviews
Epidemiology and Infection
Emerging Infectious Diseases
Foodborne Pathogens and Disease
Journal of Wildlife Diseases
Pediatric Infectious Diseases Journal
PLOS ONE
Red Book, Report of the Committee on Infectious Diseases (2015, 2018, 2020, 2024)
The Journal of Pediatrics
Zoonoses and Public Health

Working groups, Committees, and Centers of Excellence:

2012 – 2024	Upper Midwest Agricultural Safety and Health Center (MDH Principal Investigator)
2012 – Present	Minnesota Integrated Food Safety Center of Excellence (Director)
2012 – Present	Integrated Foodborne Outbreak Response and Management Steering Committee
2012 – 2016	CDC Board of Scientific Counselors Antimicrobial Resistance Working Group
2011 – Present	Council to Improve Foodborne Outbreak Response (Co-Chair since 2013)
2008 – 2013	US Food and Drug Administration Partnership for Food Protection Coordinating Committee, and Response Workgroup
2006 – 2016	National Association of State Public Health Veterinarians, Animal Contact Compendium Committee (Co-chair 2010-16)
2007 – Present	Infectious Diseases Planning Committee and Food Safety/Enteric Diseases Sub-committee (Chair since 2011), Council of State and Territorial Epidemiologists
2000 – 2012	Antibiotic Resistance Sub-committee Co-chair (and Chair since 2007), Council of State and Territorial Epidemiologists
2000 – Present	CDC Environmental Health Specialist Network Steering Committee
1999 – Present	CDC/FSIS/FDA Foodborne Diseases Active Surveillance Network (FoodNet) Steering Committee

Working groups, Committees, and Centers of Excellence: (continued)

- 1999 – Present Food Safety Center, Minnesota Department of Health
- 1999 – 2010 Minneapolis Water Works Advisory Committee

Teaching:

- 2016 – Present Course Co-Instructor, University of Minnesota School of Public Health
Public Health 6100-181. Theory and Practice in Foodborne Disease
Outbreak Detection, Investigation and Control
- 2015, 2018 Course Instructor, University of Minnesota School of Public Health.
Public Health 7230-101 – The Petting Zoo Problem: Zoonotic Disease
Outbreaks Associated with Animal Contact at Public Venues –
Occurrence, Prevention, and Challenges
- 2015 Course Instructor, University of Minnesota School of Public Health.
Public Health 7230-103 – *Salmonella*, Shiga toxin-producing *E. coli*,
and *Listeria*: Drivers of Food Safety Policy and Regulatory Change
- 2009 – Present Adjunct Assistant Professor, Division of Epidemiology, University of
Minnesota School of Public Health
- 2007, 2010, 2019 Course Co-instructor, University of Minnesota School of Public Health.
Public Health 7200 – Epidemiology of Foodborne Pathogens
- 2006 – Present Course Instructor, University of Minnesota School of Public Health.
Public Health 7231 – Surveillance of Foodborne Diseases in Humans
- 2004 – 2019 Guest Lecturer, Division of Epidemiology, University of Minnesota
School of Public Health. Public Health 6341: Epi Methods I
- 2004 – Present Guest Lecturer, Division of Epidemiology, University of Minnesota
School of Public Health. Public Health 6336: Advanced Seminar in
Infectious Disease
- 2003 – Present Adjunct Assistant Professor, Division of Environmental Health
Sciences, University of Minnesota School of Public Health
- 2002 – 2019 Guest Lecturer, Division of Epidemiology, University of Minnesota
School of Public Health. Public Health 5345: Epi Methods, Data
Collection
- 2000 – Present Guest Lecturer, Division of Epidemiology, University of Minnesota
School of Public Health. Public Health 5335: Epidemiology and Control
of Infectious Diseases
- 1998 – Present Adjunct Assistant Professor, Department of Clinical and Population
Sciences, College of Veterinary Medicine, University of Minnesota

Teaching: (continued)

1996 – 1997	Guest Lecturer, Department of Clinical and Population Sciences, College of Veterinary Medicine, University of Minnesota. Public Health 5310/Clinical and Population Sciences 8690: Zoonoses and Diseases Common to Humans and Animals
1995 – 1996	Graduate Teaching Assistant, Department of Parasitology, College of Veterinary Medicine, The University of Georgia. Parasitology 520/521: Veterinary Parasitology I and II
1995 – 1996	Guest Lecturer, School of Forest Resources, The University of Georgia. Forest Resources 850/851: Diseases of Wildlife
1994	Guest Lecturer, Department of Microbiology, College of Veterinary Medicine, The University of Georgia

Publications:

1. Smith KE, Zimmerman JJ, Patton S, Beran GW, Hill HT. The epidemiology of toxoplasmosis on Iowa swine farms with an emphasis on the roles of free-living mammals. *Vet Parasitol.* 1992;42:199-211.
2. Smith KE, Zimmerman JJ, Beran GW, Hill HT. A serosurvey of swine and free-living species on Iowa farms for antibodies against encephalomyocarditis virus. *Can Vet J.* 1992;33:645-49.
3. Smith KE, Zimmerman JJ, Bolin CA, Beran GW, Hill HT. A survey of house mice (*mus musculus*) from Iowa swine farms for infection with *Leptospira interrogans* serovar *bratislava*. *Can Vet J.* 1992;33:742-44.
4. Hill RE, Smith KE, Beran GW, Beard PD. Further studies on the susceptibility of raccoons (*Procyon lotor*) to a rabies virus of skunk origin and comparative susceptibility of striped skunks (*Mephitis mephitis*). *J Wildlife Dis.* 1993;29:475-77.
5. Zimmerman JJ, Hill RE, Smith KE, et al. Encephalomyocarditis virus infection in raccoons (*Procyon lotor*). *J Zoo Wildlife Med.* 1994;25:233-39.
6. Smith KE, Fischer JR, Dubey JP. Toxoplasmosis in a bobcat (*Felis rufus*). *J Wildlife Dis.* 1995;31:555-57.
7. Smith KE, Stallknecht DE, Nettles VF. Infection of *Culicoides lahillei* (Diptera: Ceratopogonidae) with Epizootic Hemorrhagic Disease Virus Serotype 2. *J Med Ent.* 1995;33:117-22.
8. Smith KE, Stallknecht DE. *Culicoides* (Diptera: Ceratopogonidae) collected during epizootics of hemorrhagic disease among captive white-tailed deer. *J Med Ent.* 1996;33:507-10.
9. Smith KE Stallknecht DE, Sewell CT, Rollor EA, Mullen GR, Anderson RR. Long-term monitoring of *Culicoides* at a site enzootic for hemorrhagic disease in white-tailed deer. *J Wildlife Dis.* 1996;32:627-42.
10. Stallknecht DE, Luttrell MP, Smith KE, Nettles VF. Hemorrhagic disease in white-tailed deer in Texas: A case for enzootic stability. *J Wildlife Dis.* 1996;32:695-700.

Publications: (continued)

11. Smith KE, Quist CF, Crum JM. Clinical illness in a wild turkey with *Laminosioptes cysticola* infestation of the viscera and peripheral nerves. *Avian Dis.* 1997;41:484-89.
12. Dubey JP, Rollor EA, Smith K, Kwok OCH, Thulliez P. Low seroprevalence of *Toxoplasma gondii* in feral pigs from a remote island lacking cats. *J Parasitol.* 1997;83:839-841.
13. Centers for Disease Control and Prevention. Outbreak of cryptosporidiosis associated with a water sprinkler fountain. *MMWR.* 1998;47:856-60.
14. Smith KE, Besser JM, Hedberg CW, Leano FT, Bender JB, Wicklund JH, Johnson BP, Moore KA, Osterholm MT, and the Investigation Team. Quinolone-resistant *Campylobacter jejuni* infections in Minnesota, 1992-1998. *New Eng J Med.* 1999;340:1525-32.
15. Hunt C, Dionne M, Delorme M, Murdock D, Erdrich A, Wolsey D, Groom A, Cheek J, Shireley L, Jacobson J, Cunningham B, Belani K, Kurachek S, Ackerman P, Cameron S, Schlievert P, Pfeiffer J, Johnson S, Boxrud D, Bartkus J, Besser J, Smith K, LeDell K, O'Boyle C, Lynfield R, White K, Osterholm M, Moore K, Danila R, CDC. Four pediatric deaths from community-acquired methicillin-resistant *Staphylococcus aureus*, Minnesota and North Dakota, 1997-1998. *MMWR.* 1999;48(32):707-10.
16. Shallow S, Samuel M, McNees A, Rothrock G, Vugia D, Fiorentino T, Marcus R, Kazi G, Mshar P, Cartter M, Hadler J, Farley M, Desai S, Segler S, Lance-Parker S, Blake P, Karchmer T, Gregg C, Steiner C, Carter M, Henning K, Razeq J, Glenn A, Smith K, Bender J, Besser J, Soderlund D, Moore K, Zansky S, Morse D, Smith P, Cassidy M, McGivern T, Lorber E, Shiferaw B, Cieslak P, Fleming D. Preliminary FoodNet data on the incidence of foodborne illnesses--selected sites, United States, 1999. *MMWR.* 2000;49(10):201-5.
17. Kassenborg H, Danila R, Snippes P, Wiisanen M, Sullivan M, Smith KE, Crouch NJ, Medus C, Weber R, Korlath J, Ristinen T, Lynfield R, Hull HF, Pahlen J, Boldingh T, Elfering K, Hoffman G, Lewis T, Friedlander A, Heine H, Culpepper R, Henchal E, Ludwig G, Rossi C, Teska J, Ezzell J, Eitzen E, US Dept of Agriculture, NCID, CDC. Human ingestion of *Bacillus anthracis*-contaminated meat-Minnesota, August 2000. *MMWR.* 2000; 49(36):813-6.
18. Van Fossan D, Jagoda L, LeSage A, Hartmann R, Johl J, Sharman J, Jay M, Schnurr D, Crawford-Miksza L, Glaser C, Vugia D, Leach R, Cantiello K, Auer P, Jones G, Qian J, Depowski P, Downing P, Trimarchi C, Huang C, Drabkin P, Eidson M, Wallace B, Willsey A, Smith P, Ahadzie L, Katner HP, Rahman M, Muriana OI, Tift JP, Shetty D, Drenzek CL, Lance-Parker S, Cantrell D, Saidla E, Koppanyi Z, Blake P, Boldingh T, Wagstrom L, Danila R, Mariotti J, Smith KE, Neitzel D, Hull HF, Shirley L, Johnson D, Patron R, Scheckler WE, Levin JM, Dominski M, Wolff M, Muhlenbeck B, Turner RC, Kazmierczak J, Proctor M, Davis JP, NCID, CDC. Human rabies-California, Georgia, Minnesota, New York, and Wisconsin, 2000. *MMWR.* 2000; 49(49):1111-5.
19. Shallow S, Samuel M, McNees A, Rothrock G, Vugia D, Fiorentino T, Marcus R, Hurd S, Mshar P, Phan Q, Cartter M, Hadler J, Farley M, Baughman W, Segler S, Lance-Parker S, MacKenzie W, McCombs K, Blake P, Morris JG, Hawkins M, Roche J, Smith K, Besser J, Swanson E, Stenzel S, Medus C, Moore K, Zansky S, Hibbs J, Kohn D, Jones T, Craig A, Moore W. Preliminary FoodNet data on the incidence of foodborne illnesses--selected sites, United States, 2000. *MMWR.* 2001;50(13):241-6.
20. Bender JB, Hedberg CW, Boxrud DJ, Besser JM, Wicklund JH, Smith KE, Osterholm MT. Use of molecular subtyping in surveillance for *Salmonella enterica* serotype Typhimurium. *New Eng J Med.* 2001;344:189-95.

Publications: (continued)

21. Hedberg CW, Smith KE, Besser JM, Boxrud DJ, Hennessy TW, Bender JB, Anderson FA, Osterholm MT. Limitations of pulsed-field gel electrophoresis for the routine surveillance of *Campylobacter* infections. *J Infect Dis.* 2001;184(2):242-4.
22. Ezell H, Tramontin B, Hudson R, Tengelsen L, Hahn C, Smith K, Bender J, Boxrud D, Adams J, Frank R, Culbertson K, Besser T, Rice D, Pullman R, Gautom R, Pallipamu R, Goldoft M, Grendon J, Kobayashi J, Angulo F, Barrett T, Rossiter S, Sivapalasingam S, Wright J. Outbreaks of multidrug-resistant *Salmonella* Typhimurium associated with veterinary facilities-Idaho, Minnesota, and Washington, 1999. *MMWR.* 2001; 50(33):701-4.
23. Centers for Disease Control and Prevention. Malaria deaths following inappropriate malaria chemoprophylaxis. *MMWR.* 2001;50:597-99.
24. Groom A, Wolsey D, Naimi T, Smith K, Johnson S, Boxrud D, Moore K, Cheek J Community-acquired methicillin-resistant *Staphylococcus aureus* in a rural American Indian Community. *J Am Med Assoc.* 2001;286:10.
25. Naimi T, LeDell K, Boxrud D, Groom A, Steward C, Johnson S, Besser J, O'Boyle C, Danila R, Cheek J, Osterholm M, Moore K, Smith K. Epidemiology and clonality of community-acquired methicillin-resistant *Staphylococcus aureus* in Minnesota, 1996-1998. *Clin Infect Dis.* 2001;33:990-96.
26. Vugia D, Hadler J, Blake P, Blythe D, Smith K, Morse D, Cieslak P, Jones T, Shillam P, Chen DW, Garthright B, Charles L, Molbak K, Angulo F, Griffin P, Tauxe R. Preliminary FoodNet data on the incidence of foodborne illnesses--selected sites, United States, 2001. *MMWR.* 2002; 51 (15):325-9.
27. Kravitz, G., K. Smith, and L. Wagstrom. Colonic necrosis and perforation secondary to *Escherichia coli* O157:H7 gastroenteritis in an adult patient without hemolytic uremic syndrome. *Clin Infect Dis.* 2002;35:103-05.
28. Johnson JR, Murray AC, Gajewski A, Sullivan M, Snippes P, Kuskowski MA, Smith KE. Isolation and molecular characterization of nalidixic acid-resistant extraintestinal pathogenic *Escherichia coli* from retail chicken products. *Antimicrob Agents Chemother.*2003;47:2161-68.
29. Vugia D, Cronquist A, Hadler J, Blake P, Blythe D, Smith K, Morse D, Cieslak P, Jones T, Goldman D, Guzewich J, Angulo F, Griffin P, Tauxe R, Kretsinger K. Preliminary FoodNet data on the incidence of infection with pathogens transmitted commonly through food--selected sites, United States, 2003. *MMWR.* 2004; 53(16):338-43.
30. Gupta A, Nelson JM, Barrett TJ, Tauxe RV, Rossiter SP, Friedman CR, Joyce KW, Smith KE, Jones TF, Hawkins MA, Shiferaw B, Beebe JL, Vugia DJ, Rabatsky-Ehr T, Benson JA, Root TP, Angulo FJ. Antimicrobial resistance among *Campylobacter* strains, United States, 1997-2001. *Emerg Infect Dis.* 2004;10:1102-09.
31. Nelson JM, Smith KE, Vugia DJ, Rabatsky-Ehr T, Segler SD, Kassenborg HD, Zansky SM, Joyce K, Marano N, Hoekstra RM, Angulo FJ. Prolonged diarrhea due to ciprofloxacin-resistant *Campylobacter* infection. *J Infect Dis.* 2004;190:1150-57.
32. Vugia DJ, Samuel M, Farley MM, Marcus R, Shiferaw B, Shallow S, Smith K, Angulo FJ. Invasive *Salmonella* infections in the United States, FoodNet, 1996-1999: incidence, serotype distribution, and outcome. *Clin Infect Dis.* 2004;38 Suppl 3:S149-56.

Publications: (continued)

33. Kassenborg HD, Hedberg CW, Hoekstra M, Evans MC, Chin AE, Marcus R, Vugia DJ, Smith K, Ahuja SD, Slutsker L, Griffin PM. Farm visits and undercooked hamburgers as major risk factors for sporadic *Escherichia coli* O157:H7 infection: data from a case-control study in 5 FoodNet sites. *Clin Infect Dis*. 2004;38 Suppl 3:S271-78.
34. Bender JB, Smith KE, McNees AA, Rabatsky-Ehr TR, Segler SD, Hawkins MA, Spina NL, Keene WE, Kennedy MH, Van Gilder TJ, Hedberg CW. Factors affecting surveillance data on *Escherichia coli* O157 infections collected from FoodNet sites, 1996-1999. *Clin Infect Dis*. 2004;38 Suppl 3:S157-64.
35. Kassenborg HD, Smith KE, Vugia DJ, Rabatsky-Ehr T, Bates MR, Carter MA, Dumas NB, Cassidy MP, Marano N, Tauxe RV, Angulo FJ. Fluoroquinolone-resistant *Campylobacter* infections: eating poultry outside of the home and foreign travel are risk factors. *Clin Infect Dis*. 2004;38 Suppl 3:S279-84.
36. Kennedy M, Villar R, Vugia DJ, Rabatsky-Ehr T, Farley MM, Pass M, Smith K, Smith P, Cieslak PR, Imhoff B, Griffin PM. Hospitalizations and deaths due to *Salmonella* infections, FoodNet, 1996-1999. *Clin Infect Dis*. 2004;38 Suppl 3:S142-48.
37. Smith KE, Stenzel SA, Bender JB, Wagstrom E, Soderlund D, Leano FT, Taylor CM, Belle-Isle PA, Danila R. Outbreaks of Enteric Infections Caused by Multiple Pathogens Associated with Calves at a Farm Day Camp. *Pediatr Infect Dis J*. 2004;23:1098-1104.
38. Vugia D, Cronquist A, Hadler J, Tobin D'Angelo M, Blythe D, Smith K, Thornton K, Morse D, Cieslak P, Jones T, Varghese R, Guzewish J, Angulo F, Griffin P, Tauxe R, Dunn J. Preliminary FoodNet data on the incidence of infection with pathogens transmitted commonly through food--10 sites, United States, 2004. *MMWR*. 2005; 54(14):352-6.
39. Varma JK, Molbak K, Barrett TJ, Beebe JL, Jones TF, Rabatsky-Her T, Smith KE, Vugia DJ, Chang HG, Angulo FJ. Antimicrobial-resistant nontyphoidal *Salmonella* is associated with excess bloodstream infections and hospitalizations. *J Infect Dis*. 2005;191:554-61.
40. Johnson JR, Delavari P, O'Bryan TT, Smith KE, Tatini S. Contamination of retail foods, particularly turkey, from community markets (Minnesota, 1999-2000) with antimicrobial-resistant and extraintestinal pathogenic *Escherichia coli*. *Foodborne Pathogens Dis*. 2005;2:38-49.
41. Johnson JR, Kuskowski MA, Smith K, O'Bryan TT, Tatini S. Antimicrobial-resistant and extraintestinal pathogenic *Escherichia coli* in retail foods. *J Infect Dis*. 2005;191:1040-49.
42. Castor ML, Wagstrom EA, Danila RN, Smith KE, Naimi TS, Besser JM, Peacock KA, Juni BA, Hunt JM, Bartkus JM, Kirkhorn SR, Lynfield R. An outbreak of Pontiac fever with respiratory distress among workers performing high-pressure cleaning at a sugar-beet processing plant. *J Infect Dis*. 2005;191:1530-37.
43. Smith K, Boxrud D., Leano F, Snider C, Braden C, Lockett J, Montgomery S, Swanson S, O'Reilly C. Outbreak of multi-drug resistant *Salmonella* Typhimurium associated with rodents purchased at retail pet stores-United States, December 2003-October 2004. *MMWR*. 2005;54:429-33.

Publications: (continued)

44. Ferguson DD, Scheftel J, Cronquist A, Smith K, Woo-Ming A, Anderson E, Knutsen J, De AK, Gershman K. Temporally distinct *Escherichia coli* O157 outbreaks associated with alfalfa sprouts linked to a common seed source - Colorado and Minnesota, 2003. *Epidemiol Infect.* 2005;133:439-47.
45. Laine ES, Scheftel JM, Boxrud DJ, Vought KJ, Danila RN, Elfering KM, Smith KE. Outbreak of *Escherichia coli* O157:H7 infections associated with nonintact blade-tenderized frozen steaks sold by door-to-door vendors. *J Food Prot.* 2005;68:1198-1202.
46. Smith KE, Anderson F, Medus C, Leano F, Adams J. Outbreaks of salmonellosis at elementary schools associated with dissection of owl pellets. *Vector Borne Zoonotic Dis.* 2005;5:133-36.
47. Devasia RA, Varma JK, Whichard J, Gettner S, Cronquist AB, Hurd S, Segler S, Smith K, Hoefler D, Shiferaw B, Angulo FJ, Jones TF. Antimicrobial use and outcomes in patients with multidrug-resistant and pansusceptible *Salmonella* Newport infections, 2002-2003. *Microb Drug Resist.* Winter 2005; 11(4):371-7.
48. Wright JG, Tengelsen LA, Smith KE, Bender JB, Frank RK, Grendon JH, Rice DH, Thiessen AB, Gilbertson CJ, Sivapalasingam S, Barrett TJ, Hancock DD, Angulo FJ. Multidrug-resistant *Salmonella* Typhimurium in four animal facilities. *Emerg Infect Dis.* 2005;11:1235-41.
49. Wedel SD, Bender JB, Leano FT, Boxrud DJ, Hedberg C, Smith KE. Antimicrobial-drug susceptibility of human and animal *Salmonella* Typhimurium, Minnesota, 1997-2003. *Emerg Infect Dis.* 2005;11:1899-1906.
50. Varma JK, Molbak K, Barrett TJ, Beebe JL, Jones TF, Rabatsky-Her T, Smith KE, Vugia DJ, Chang HG, Angulo FJ. Reply to Cox and Phillips on Antimicrobial-resistant nontyphoidal *Salmonella* is associated with excess bloodstream infections and hospitalizations. *J Infect Dis.* 2005;192:2030-1.
51. Vugia D, Cronquist A, Hadler J, Tobin D'Angelo M, Blythe D, Smith K, Thornton K, Morse D, Cieslak P, Jones T, Holt K, Guzewich J, Henao O, Scallan E, Angulo F, Griffin P, Tauxe R, Barzilay E. Preliminary FoodNet data on the incidence of infection with pathogens transmitted commonly through food--10 States, United States, 2005. *MMWR.* 2006; 55(14):392-5.
52. Kiang KM, Scheftel JM, Leano FT, Taylor CM, Belle-Isle PA, Cebelinski EA, Danila R, Smith KE. Recurrent outbreaks of cryptosporidiosis associated with calves among students at an educational farm programme, Minnesota, 2003. *Epidemiol Infect.* 2006;134:876-86.
53. Lopes VC, Wedel SD, Bender JB, Smith KE, Leano FT, Boxrud DJ, Lauer DC, Velayudhan BT, Nagaraja KV. Emergence of multidrug-resistant *Salmonella enterica* serotype Newport in Minnesota. *Clin Infect Dis.* 2006;43:210-13.
54. Liesener AL, Smith KE, Davis RD, Bender JB, Danila RN, Neitzel DF, Nordquist GE, Forsman SR, Scheftel JM. Circumstances of bat encounters and knowledge of rabies among Minnesota residents submitting bats for rabies testing. *Vector Borne Zoonotic Dis.* 2006;6:208-15.
55. Medus C, Smith KE, Bender JB, Besser JM, Hedberg CW. *Salmonella* outbreaks in restaurants in Minnesota, 1995 through 2003: Evaluation of the role of infected foodworkers. *J Food Prot.* 2006;69:1870-78.

Publications: (continued)

56. Mukherjee A, Cho S, Scheftel J, Jawahir S, Smith K, Diez-Gonzalez F. Soil survival of *Escherichia coli* O157:H7 acquired by a child from garden soil recently fertilized with cattle manure. *J Appl Microbiol.* 2006;101:429-36.
57. Kieke AL, Borchardt MA, Kieke BA, Spencer SK, Vandermause MF, Smith KE, Jawahir SL, Belongia EA. Use of streptogramin growth promoters in poultry and isolation of streptogramin-resistant *Enterococcus faecium* from humans. *J Infect Dis.* 2006;194:1200-08.
58. Swanson SJ, Snider C, Braden CR, Boxrud D, Wunschmann A, Rudroff JA, Lockett J, Smith KE. Multidrug-resistant *Salmonella* Typhimurium associated with pet rodents. *New Engl J Med.* 2007; 356:21-8.
59. Vugia DJ, Cronquist A, Hadler J, Tobin D'Angelo M, Blythe D, Smith K, Lathrop S, Morse D, Cieslak P, Jones T, Holt KG, Guzewich J, Henao OL, Angulo FJ, Griffin PM, Tauxe RV, Greene SK. Preliminary FoodNet data on the incidence of infection with pathogens transmitted commonly through food -10 states, 2006. *MMWR.* 2007; 56(14):336-9.
60. Johnson JR, Sannes MR, Croy C, Johnson B, Clabots C, Kuskowski MA, Bender J, Smith KE, Winokur PL, Belongia EA. Antimicrobial drug-resistant *Escherichia coli* from humans and poultry products, Minnesota and Wisconsin, 2002-2004. *Emerg Infect Dis.* 2007;13:838-46.
61. Bender JB, Blackmore C, Dunn JR, Smith KE, Wright JH. Compendium of measures to prevent disease associated with animals in public settings, 2007: National Association of State Public Health Veterinarians, Inc. (NASPHV). *MMWR.* 2007;56 (RR-5):1-14.
62. Voetsch AC, Kennedy MH, Keene WE, Smith KE, Rabatsky-Ehr T, Zansky S, Thomas SM, Mohle-Boetani J, Sparling PH, McGavern MB, Mead PS. Risk factors for sporadic Shiga toxin-producing *Escherichia coli* O157 infections in Foodnet sites, 1999-2000. *Epidemiol Infect.* 2007;135:993-1000.
63. Sannes MR, Belongia EA, Kieke B, Smith K, Kieke A, Vandermause M, Bender J, Clabots C, Winokur P, Johnson JR. Predictors of antimicrobial-resistant *Escherichia coli* in the feces of vegetarians and newly hospitalized adults in Minnesota and Wisconsin. *J Infect Dis.* 2008;197: 430-34.
64. Yew AH, Merrell RT, Zubkov AY, Aksamit AJ, Hu WT, Manno EM, Scheftel J, DeVries A, Neitzel D, Danila R, Smith KE, Rupprecht CE, Holzbauer S. Human rabies - Minnesota, 2007. *MMWR.* 2008;57:460-2.
65. Vugia D, Cronquist A, Hadler J, Tobin D'Angelo M, Blythe D, Smith K, Lathrop S, Morse D, Cieslak P, Dunn J, White PL, Guzewich JJ, Henao OL, Hoekstra RM, Scallan E, Angulo FJ, Griffin PM, Tauxe RV, Behravesh CB. Preliminary FoodNet data on the incidence of infection with pathogens transmitted commonly through food--10 states, 2007. *MMWR.* 2008;57(14):366-70.
66. Jungk J, Baumbach J, Landen M, Gaul LK, Alaniz L, Dang T, Miller EA, Weiss J, Hedican E, Smith K, Grant F, Beauregard T, Bergmire-Sweat D, Griffin D, Engel J, Cosgrove S, Gossack S, Roanhorse A, Shorty H, Cheek J, Redd J, Vigil I. Outbreak of *Salmonella* serotype Saintpaul infections associated with multiple raw produce items - United States, 2008. *MMWR.* 2008;57:929-34.

Publications: (continued)

67. Fuller CC, Jawahir SL, Leano FT, Bidol SA, Signs K, Davis C, Morgan M, Teltow G, Jones B, Sexton RB, Davis GL, Braden CR, Deasy MP, Smith KE. Multi-state *Salmonella* Typhimurium outbreak associated with frozen vacuum-packed rodents used to feed snakes. *Zoonoses Pub Hlth*. 2008;55:481-7.
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