

CURRICULUM VITAE

Full Name: David George White

Current Position: Interim Dean
Herbert College of Agriculture
Professor, Department of Food Science
The University of Tennessee Institute of Agriculture

Educational Background:

University of Vermont, Burlington, VT; major, Animal Sciences, B.S.

University of Kentucky, Lexington, KY; major, Animal Sciences, M.S.,
Thesis title “Isolation and identification of coagulase-negative *Staphylococcus* species from bovine body sites and streak canal of nulliparous heifers”, supervised by Dr. Robert J. Harmon

The Pennsylvania State University, University Park, PA; Ph.D. Dissertation title
“Genetic diversity and clonal relationships among pathogenic strains of avian *Escherichia coli*”, supervised by Dr. Richard A. Wilson and Dr. Thomas S. Whittam

Additional Training:

The Pennsylvania State University, Postdoctoral Research Fellow, Institute of Molecular Evolutionary Genetics (with Dr. Thomas S. Whittam) Research Project
“Insertion sequence typing of pathogenic *E. coli*”.

Tufts University School of Medicine, Postdoctoral Research Fellow, Center for Adaptation Genetics and Drug Resistance (with Dr. Stuart B. Levy), Research Project
“Characterization of the multiple antibiotic resistance (MAR) locus in *E. coli*”.

Administrative Leadership Experience:

Interim Dean, Herbert College of Agriculture, University of Tennessee-Knoxville (October 1-)

Responsible to UTIA Senior Vice President / Senior Vice Chancellor and UTK Provost for the comprehensive administration of the academic component of the Institute to prepare undergraduate and graduate students for leadership roles in the fields of food, agriculture and natural resources. Works collaboratively with the administrative leadership team of the Institute including the Deans of AgResearch, UT Extension, and the College of Veterinary Medicine, along with senior staff to fulfill the Institute's research, teaching, and outreach objectives.

Core responsibilities include:

- Providing visionary leadership, administration, and advocacy, in executing a vision consistent with other University and UTIA strategic directions, as well as with the land grant mission;
- Leading the Herbert College to a position of national prominence in agriculture and natural resource related education and advance scholarly excellence in all land grant mission areas;
- Facilitating efforts to modernize curriculum to ensure academic programs remain relevant, timely, and are aligned with industry and community needs;
- Implementing alternative best teaching practices including virtual and experiential classrooms to ensure students are prepared for modern day workplace and societal demands;
- Developing and promoting a compelling educational environment that attracts and retains students and enables the College to meet/exceed aggressive enrollment targets (e.g., doubling enrollment over the next 3-5 years);
- Promoting innovative ideas in educational programs and initiatives that meet local, national, and global needs including expanded opportunities to expose students to international learning experiences to ensure awareness of global challenges;
- Providing physical and financial oversight of campus and field educational venues;
- Establishing and enhancing relations with key partners including federal and state agencies, private industry and foundations, alumni, and strengthen partnerships with other institutions across the UT System.

Senior Administrative Fellow, University of Tennessee Institute of Agriculture (January 2022-September 2022).

Responsible to UTIA Senior Vice President / Senior Vice Chancellor for coordinating institute-wide initiatives, fostering collaboration across units, building strategic partnerships and assisting with day-to-day operations as needed. This includes implementing a strategic visioning process and designing and executing key campus-level initiatives involving UTIA and UTK.

Associate Dean for Research, AgResearch, University of Tennessee Institute of Agriculture (September 2016-2021).

Responsible to the AgResearch Dean and works as part of a leadership team in the administration, resource management, program evaluation and coordination, budget development and enhancement, prioritization and stakeholder interaction of UT AgResearch activities and initiatives. This includes coordinating statewide UT AgResearch activities across 10 AgResearch and Education Centers and faculty distributed across eight departments.

Core responsibilities include:

- Improving competitiveness of external grant applications as well as identifying new and emerging areas of research to pursue;
- Working closely with the UTIA Sponsored Programs Office to develop new research opportunities and programs to serve the faculty and oversee many institutional compliance responsibilities;
- Developing communication strategies to highlight research activities and increase visibility of our portfolio nationally and internationally;
- Creating and nurturing internal and external multidisciplinary research teams capable of securing external funds to address today's global challenges;
- Strengthening current partnerships (e.g., Oak Ridge National Laboratory (ORNL), UT-Knoxville, etc.) and expanding our research network to engage leading scientists and institutions from around the country, as well as internationally;
- Communicating with numerous stakeholders to highlight the impact of AgResearch;
- Developing programs to enhance the quality and competitiveness of faculty federal grant applications and identifying new sources of research funding (e.g., Faculty Fellows Program, Grant Writers Workshop, AgInnovation Grants, Orange Team Reviews, etc.);
- Increasing partnerships with other Land-grant universities to address global challenges by broadening understanding of complementary research programs, approaches and activities.

Acting Director, Office of Resource Planning and Strategic Management, Office of Foods and Veterinary Medicine, U.S. Food and Drug Administration (April 2015-August 2016).

Responsible to the Deputy Commissioner for Foods and Veterinary Medicine (FVM) who had direct line authority over the Center for Food Safety and Applied Nutrition (CFSAN) and Center for Veterinary Medicine (CVM). The Director led and managed the cross-cutting risk informed priority resource allocation and knowledge management functions that were essential to fulfilling out the new mandates of the Food Safety Modernization Act (FSMA). These included managing the development and implementation of data-driven analysis and decision processes to support risk-informed priority setting and resource allocation; knowledge management, strategic planning, and budget formulation to ensure program effectiveness and efficiency for the \$1.3 Billion FDA FVM program.

Core responsibilities included:

- Managing the design, development, implementation, operation, and updating of a risk-based decision making and priority setting methodology and system;
- Coordinating FVM-wide initiatives to advance capabilities in identifying, capturing, and transferring knowledge;
- Managing the development and implementation of a strategic framework for informatics to meet CVM and CFSAN needs, while ensuring adherence to enterprise architecture standards and governance;
- Managing the strategic planning and integrated budget formulation activities for the FVM Program, working closely with the Center Executive Officers and Center budget formulation staffs;
- Ensuring that programs were evaluated on a regular basis to assess and document progress, identifying opportunities for improving efficiency and effectiveness, and verifying that resources were being allocated in accordance with strategic plans and identified program priorities;
- Developing, coordinating, and monitoring performance management systems (such as FDA-Track) and key performance measures applicable to program priorities and strategic goals, and reflecting work important to the public and FDA's mission.

Chief Science Officer and Research Director, Office of Foods and Veterinary Medicine, Office of the Commissioner, U.S. Food and Drug Administration (April 2013-April 2015).

Responsible to the Deputy Commissioner for Foods and Veterinary Medicine (FVM) who had direct line authority over the Center for Food Safety and Applied Nutrition (CFSAN) and Center for Veterinary Medicine (CVM). The CSO/RD provided leadership and supervision in identifying research priorities and implementing scientific strategies to address unusual and often precedent setting problems associated with food/feed/drug safety including food defense research.

Core responsibilities included:

- Leading and managing the laboratory performance of the FVM program, aligning it with FDA and public health goals to advance the state of science through research, innovation, program development and evaluation;
- Leading budget formulation, priority setting and resource allocation for research and methods development program-wide, including utilization of Office of Regulatory Affairs (ORA) field resources;
- Chairing the FVM Science and Research Steering Committee (SRSC);
- Establishing and enhancing collaborative relationships with appropriate senior level science leadership at CDC, USDA, EPA and the external research community;
- Providing core scientific leadership in ensuring agency capacity for advanced bioinformatics activities needed to support FDA scientific programs (e.g., scientific computing to allow analysis of large health care and safety datasets, genomic and other complex laboratory data, and simulation and modeling);

- Supporting scientific excellence and the professional development of FDA scientists in all areas, including leadership in the development of agency fellowship programs, including the Commissioner's Fellowship Program, as well as continuing education, and through relationships and staff exchanges with universities to build and enhance FDA's scientific expertise;
- Serving as the key scientific and research advisor and representative and team member for the FDA Foods and Veterinary Medicine programs to the Office of the Secretary, White House, NIH, CDC, USDA, DOD and others in public health preparedness and response activities and coordination;
- Serving as a scientific/research spokesperson for FDA regarding the Foods and Veterinary Medicine programs to HHS, Congress, media, industry and the public.

Professional Experience:

- 10/22- Interim Dean, Herbert College of Agriculture, The University of Tennessee - Knoxville, Institute of Agriculture, Knoxville, TN
- 1/22-9/22 Senior Administrative Fellow, Office of the Senior Vice President/Senior Vice Chancellor, The University of Tennessee, Institute of Agriculture, Knoxville, TN
- 9/16-12/22 Associate Dean for Research, Associate Director of the Tennessee Agriculture Experiment Station, The University of Tennessee, Institute of Agriculture, Knoxville, TN
- 1/19-10/19 Interim Head, Department of Food Science, The University of Tennessee, Knoxville, TN
- 10/16- Professor, Department of Food Science, The University of Tennessee, Knoxville, TN
- 4/2015-8/16 Acting Director, Office of Resource Planning and Strategic Management, Office of Foods and Veterinary Medicine, U.S. Food and Drug Administration, White Oak, MD
- 4/2013-4/15 Chief Science Officer/Research Director, Office of Foods and Veterinary Medicine, U.S. Food and Drug Administration, White Oak, MD.
- 6/2012-3/13 Acting Chief Science Officer/Research Director, Office of Foods, U.S. Food and Drug Administration, White Oak, MD.
- 1/2009-6/12 Director, Office of Research, U.S. Food and Drug Administration, Center for Veterinary Medicine, Laurel, MD.
- 6/2008-12/08 Acting Director, Office of Research, U.S. Food and Drug Administration, Center for Veterinary Medicine, Laurel, MD.
- 2007-6/2008 Director, Division of Animal and Food Microbiology (DAFM), U.S. Food and Drug Administration, Center for Veterinary Medicine, Office of Research, Laurel, MD.
- 2006-6/2008 Director, National Antimicrobial Resistance Monitoring System (NARMS), U.S. Food and Drug Administration, Center for Veterinary Medicine, Office of Research, Laurel, MD.

- 2005-2006 Team Leader, National Antimicrobial Resistance Monitoring System, U.S. Food and Drug Administration, Center for Veterinary Medicine, Office of Research, Division of Animal and Food Microbiology, Laurel, MD.
- 2000-2008 Graduate Faculty, University of Maryland, College Park, MD.
- 1999-2005 Research Microbiologist, U.S. Food and Drug Administration, Center for Veterinary Medicine, Office of Research, Laurel, MD.
- 1996-1998 Section Head, Veterinary Diagnostic Microbiology, North Dakota Veterinary Diagnostic Laboratory, Fargo, ND.
- 1996-1998 Assistant Professor, Department of Veterinary and Microbiological Sciences, North Dakota State University, Fargo, ND.

Teaching Experience:

- 1986 University of Kentucky, Teaching Assistant, Genetics 360
- 1992-1995 Tufts University School of Medicine, Laboratory Instructor, Medical Microbiology; Molecular Biology
- 1992-1995 Massachusetts Bay Community College, Adjunct Professor of Allied health, Biology 123, Fundamentals of Microbiology; Biology 102, General Biology
- 1996-1998 North Dakota State University, Assistant Professor, Microbiology 350, General Microbiology
- 1996-1998 North Dakota State University, Laboratory Instructor, Microbiology 111, Introduction to Microbiology
- 2017 Guest Lecturer, One health approaches to combating antimicrobial resistance. UNHO 101: Undergraduate Honors - One Health. University of Tennessee, Knoxville, TN. October 3, 2017.
- 2017 Guest Lecturer, Antimicrobial Resistance. Research Panel, Office of Undergraduate Research, University of Tennessee, Knoxville, TN. October 25, 2017.
- 2018 Guest Lecturer, The coming crisis of antimicrobial resistance. Microbiology 321, University of Tennessee, Knoxville, TN. August 22, 2018.
- 2018 Guest Lecturer, Animal agriculture and one health. AGNR 480: How to Feed the World. University of Tennessee, Knoxville, TN. October 25, 2018.

- 2019 Guest Lecturer, Convergence of antimicrobial resistance, food safety and one health: The need for a one health approach. Chancellors Honors Program. University of Tennessee, Knoxville, TN. February 7, 2019.
- 2019 Guest Lecturer, One Health, UTIA Honors Seminar, University of Tennessee, Knoxville, TN. April 17, 2019
- 2019 Guest Lecturer, The continued threat of antimicrobial resistance. Microbiology 321, University of Tennessee, Knoxville, TN. August 23, 2019.
- 2020 Guest Lecturer, The federal career path. ANSC 395: Careers in Animal Agriculture. University of Tennessee, Knoxville, TN. October 8, 2020.
- 2021 Guest Lecturer, Career trajectories around one health. APSC 2104, Introduction to Poultry Science, Virginia Tech (via Zoom). February 24, 2021.
- 2021 Guest Lecturer, Antimicrobial resistance: warnings of the next pandemic. Microbiology 321, University of Tennessee, Knoxville, TN. September 2, 2021.
- 2021 Guest Lecturer, Advancing the one health response to antimicrobial resistance. AGNR 101: Introduction to One Health. University of Tennessee, Knoxville, TN. September 23, 2021.
- 2022 Guest Lecturer, One health, what does that mean? AGNR 101: Introduction to One Health. University of Tennessee, Knoxville, TN. September 27, 2022

Honors and Awards:

- 1983-84 Harriet G. Bird Memorial Veterinary Scholarship
- 1984 Alpha Zeta Honor Society
- 1985 Gamma Sigma Delta Honor Society
- 1992 Postdoctoral Research Fellowship Award, Institute of Molecular Evolutionary Genetics, The Pennsylvania State University
- 1994 American Society for Microbiology, Sustaining Member Travel Award
- 1996 North Dakota State University Contingency Fund, CRWAD Travel Award
- 1996 North Dakota-EPSCoR, Keystone Symposia Travel Award
- 1996 Sigma Xi Research Society

- 1997 Bison Ambassador Apple Polisher Award, North Dakota State University
- 1997 Mortar Board National Honor Society Preferred Professor, North Dakota State University
- 1997 North Dakota-EPSCoR Travel Award, International Conference on Antimicrobial Agents and Chemotherapy
- 1997 American Veterinary Medical Association, Annual Meeting Travel Award
- 1997 Inductee, Natick High School Wall of Achievement, Natick, MA
- 1998 American Veterinary Medical Association, Annual Meeting Travel Award
- 2000 FDA CVM Director's Honor Award, Center for Veterinary Medicine, U.S. Food and Drug Administration, CVM/FDA Honor Awards
- 2001 FDA Excellence in Laboratory Science, Center for Veterinary Medicine scientific achievement award, U.S. Food and Drug Administration Honor Awards
- 2001 FDA Group Recognition Award, Center for Veterinary Medicine pre-approval studies working group, U.S. Food and Drug Administration Honor Awards
- 2002 FDA Award of Merit, U.S. Food and Drug Administration, CVM Veterinary Medicine Advisory Committee (VMAC) Working Group, U.S. Food and Drug Administration Honor Awards
- 2003 Sigma Xi Poster Award, 2nd Place. R. Singh, S.L. Foley, **D.G. White**, S. Zhao, S. Simjee, P.F. McDermott, and R.D. Walker. Microbial source tracking of foodborne *Salmonella* and *Campylobacter*. The 2003 FDA Science Forum. Washington, D.C.
- 2003 HHS Secretary's Award for Distinguished Service, Mexico-U.S. Antimicrobial Resistance Monitoring System Research Group, U.S. Department of Health and Human Services
- 2004 Award of Merit, CVM Antimicrobial Resistance Guidance Group. U.S. Food and Drug Administration Honor Awards
- 2004 FDA Group Recognition Award, NARMS Retail Meat Group. CVM/FDA Honor Awards
- 2005 FDA Group Recognition Award, NARMS Retail Meat Group. CVM/FDA Honor Awards

- 2006 Sigma Xi Poster Award, Outstanding Poster. **White, D.G.**, S.L. Ayers, A. Glenn, E. Hall-Robinson, R.D. Walker, T. Chiller, and P.F. McDermott. Antimicrobial resistance among *E. coli* isolates recovered from retail foods of animal origin, NARMS 2004. The 2006 FDA Science Forum. Washington, D.C.
- 2007 FDA Outstanding Service Award, CVM/FDA Honor Awards
- 2008 FDA Group Recognition Award, NARMS Team. CVM/FDA Honor Awards
- 2010 FDA Award of Merit, U.S. Food and Drug Administration Honor Awards
- 2010 FDA Group Recognition Award, One Mission, One Program Retreat Planning Group. U.S. Food and Drug Administration Honor Awards
- 2011 FDA Group Recognition Award, Foods Program Core Group. U.S. Food and Drug Administration Honor Awards
- 2011 FDA Group Recognition Award, CVM's Implementation of the FDA-TRACK Initiative. CVM/FDA Honor Awards
- 2012 FDA Team Excellence Award, Institute Official, IACUC, Animal Care and Facilities Staff. CVM/FDA Honor Awards
- 2012 FDA Group Recognition Award, Roxarsone Inter-Center Scientific Study Group. U.S. Food and Drug Administration Honor Awards
- 2012 FDA Group Recognition Award, Antimicrobial Resistance Working Group. U.S. Food and Drug Administration Honor Awards
- 2012 FDA Group Recognition Award, Regulatory Science Strategic Plan Working Group. U.S. Food and Drug Administration Honor Awards
- 2012 FDA Group Recognition Award, Foods Program Science and Research Committees. U.S. Food and Drug Administration Honor Awards
- 2014 FDA Commissioner's Special Citation, Coordinated Outbreak Response Evaluation and Partners. U.S. Food and Drug Administration Honor Awards
- 2016 FDA Group Recognition Award, Foods and Veterinary Medicine Spend Plan Development Team. U.S. Food and Drug Administration Honor Awards
- 2016 FDA Commissioner's Special Citation, FDA Food Safety Challenge Team. U.S. Food and Drug Administration Honor Awards

- 2016 HHS Secretary's Award for Meritorious Service, FDA Food Safety Challenge Team, Department of Health and Human Services Honor Awards
- 2017 FDA Group Recognition Award, Guidance for Industry 213 Implementation Team, CVM/FDA Honor Awards
- 2019 Extraordinary Contributions to Responsible Conduct of Research Award, Office of Research and Engagement, University of Tennessee, Knoxville.
- 2020 J.E. Moss Achievement Award, University of Tennessee Institute of Agriculture

Special Invitations:

1. The use of a simplified biochemical scheme for identification of staphylococcal species isolated from the bovine. Mastitis Research Workers Conference. Hershey, PA. 1986.
2. Isolation and identification of coagulase-negative *Staphylococcus* species from body sites and teat canal of nulliparous heifers. 82nd Annual meeting of the American Dairy Science Association. Columbia, MO. 1987.
3. Genetic diversity among strains of *Escherichia coli* associated with swollen-head syndrome. 70th Annual meeting of the Conference of Research Workers in Animal Disease. Chicago, IL. 1989.
4. Clonal diversity among strains of avian *Escherichia coli* associated with swollen-head syndrome. 90th Annual meeting of the American Society for Microbiology. Anaheim, CA. 1990.
5. Clonal relationships among pathogenic strains of avian *Escherichia coli*. Annual meeting, Allegheny and Ohio branches of the American Society for Microbiology. Cambridge, OH. 1991.
6. Clonal relationships and variation in virulence among *Escherichia coli* strains of avian origin. 92nd Annual Meeting of the American Society for Microbiology. New Orleans, LA. 1992.
7. Functional characterization of the chromosomal multiple antibiotic resistance (*mar*) locus in *Escherichia coli*. 94th Annual meeting of the American Society for Microbiology. Las Vegas, NV. 1994.
8. Characterization of the multiple antibiotic resistance (*mar*) locus in *Escherichia coli*. Department of Veterinary and Microbiological Sciences, North Dakota State University, Fargo, ND. 1995.

9. The multiple antibiotic resistance (*mar*) locus in *Escherichia coli*. Atlantic Veterinary College, University of Prince Edward Island, Charlottetown, P.E.I., Canada. 1995.
10. The molecular basis for the development of antibiotic resistance. Symposium on the Biological Significance of Animal Drug and Pesticide Residues in Food. The 109th Association of Analytical Chemists (AOAC) International Annual Meeting and Exposition. Nashville, TN. 1995.
11. The chromosomal multiple antibiotic resistance (*mar*) locus in *Enterobacteriaceae*. Annual Meeting of the "Section des Agents Antimicrobiens de la Societe Francaise de Microbiologie". Institut Pasteur. Paris, France. 1995.
12. Multiple resistance to antibiotics among veterinary isolates of *Salmonella*. The 77th Annual Conference of Research Workers in Animal Diseases. Chicago, IL. 1996.
13. Characterization of multiple antibiotic resistance among veterinary bacterial pathogens. North Central Conference of Veterinary Laboratory Diagnosticians. South Dakota Animal Disease Research and Diagnostic Laboratory, South Dakota State University, Brookings, SD. 1996.
14. The chromosomal multiple antibiotic resistance (*mar*) locus in *Escherichia coli*. Symposia on New Information on Antibiotic Resistance from a New Generation of Investigators. 96th Annual meeting of the American Society for Microbiology. New Orleans, LA. 1996.
15. Emergence of multiple antibiotic resistance among veterinary bacterial pathogens. South Dakota State University, Department of Veterinary Sciences, Brookings, SD. 1997.
16. Characterization of multiple antibiotic resistance among bacterial pathogens. University of North Dakota Medical School, Department of Microbiology and Immunology, Grand Forks, ND. 1997.
17. Antibiotic resistance and other virulence factors associated with bovine pathogenic *Escherichia coli* strains. The 78th Annual Conference of Research Workers in Animal Diseases. Chicago, IL. 1997.
18. Antibiotic resistance of veterinary bacterial pathogens. Ministry of Agriculture, Fisheries, and Food workshop; Extent of research on antimicrobial resistance in relation to food safety. University of Birmingham, Birmingham, United Kingdom. 1997.
19. Genotypic and phenotypic variation among strains of *Escherichia coli* associated with avian colibacillosis. 134th annual convention of the American Veterinary Medical Association. Reno, NV. 1997.

20. Evolution of bacterial antibiotic resistance in veterinary medicine. Wyeth-Ayerst Research, Pearl River, NY. 1997.
21. Antibiotic resistance and other virulence factors associated with *Escherichia coli* strains incriminated in bovine calf scours. North Central Conference of Veterinary Laboratory Diagnosticians. Animal Disease Diagnostic Laboratory, Purdue University, West Lafayette, IN. 1997.
22. Bioterrorism, fact or fiction? Department of Veterinary and Microbiological Sciences, North Dakota State University, Fargo, ND. 1998.
23. Characterization of florfenicol resistance among bovine pathogenic *E. coli*. Schering-Plough Animal Health. Union, NJ. 1998.
24. Antimicrobial resistance mechanisms. Sixth Annual Swine Disease Conference for Swine Practitioners. Iowa State University, Ames, IA. 1998.
25. Multiple antimicrobial resistance among veterinary bacterial pathogens. College of Veterinary Medicine, University of Illinois, Champaign, IL. 1998.
26. Antimicrobial resistance in agriculture. Pfizer Swine Alliance with Veterinarians. San Juan, Puerto Rico. 1998.
27. Antibiotic resistance in bacteria isolated from cattle. Food and Water Safety Symposium. 31st annual conference of the American Association of Bovine Practitioners. Spokane, WA. 1998.
28. Characterization of antimicrobial resistance among veterinary bacterial pathogens. Pfizer Swine Alliance with Nutritionists. Palm Beach, FL. 1998.
29. Characterization of multiple antimicrobial resistance among veterinary pathogens. Pfizer Animal Health, Groton, CT. 1998.
30. Characterization of multiple antimicrobial resistance mechanisms among veterinary bacterial pathogens. Wyeth-Ayerst Research, Pearl River, NY. 1998.
31. Characterization of cytotoxic necrotizing factor producing avian *Escherichia coli*. 135th annual convention of the American Veterinary Medical Association. Baltimore, MD. 1998.
32. Bacterial antimicrobial resistance mechanisms. Office of Research, Center for Veterinary Medicine, Food and Drug Administration, Laurel, MD. 1998.

33. Characterization of *Streptococcus suis* isolates among North Dakota swine. North Central Conference of Veterinary Laboratory Diagnosticians, College of Veterinary Medicine, University of Missouri, Columbia, MO. 1998.
34. Characterization of bacterial antimicrobial resistance mechanisms. Department of Animal Science, The University of Connecticut, Storrs, CT. 1998.
35. The challenges of antimicrobial resistance. The 6th annual food safety farm to table conference, Northwest food safety consortium. Washington State University, Pullman, WA. 1998.
36. The antibacterial fad. The 6th annual food safety farm to table conference, Northwest food safety consortium. Washington State University, Pullman, WA. 1998.
37. Multiple antibiotic resistance among bacterial pathogens. Department of Medical Microbiology, The University of Georgia, Athens, GA. 1998.
38. Bacterial antimicrobial resistance mechanisms. National Pork Producers Council / American Association of Swine Practitioners Pharmaceutical issues task force. Des Moines, IA. 1998.
39. Characterization of bacterial antimicrobial resistance mechanisms. Microbial food safety seminar series. Michigan State University, East Lansing, MI. 1998.
40. Identification of multiple antibiotic resistance among veterinary bacterial pathogens. Alliance for the Prudent Use of Antibiotics; Workshop on monitoring antibiotic resistance genes in non-clinical bacteria. Boston, MA. 1998.
41. Mechanisms of antimicrobial resistance. The American Academy of Veterinary Pharmacology and Therapeutics symposium; The role of veterinary therapeutics in bacterial resistance development. University of Maryland, College Park, MD. 1998.
42. A return to the pre-antibiotic era? Department of Microbiology, College of Medicine, Howard University, Washington D.C. 1999.
43. Antibacterial resistance mechanisms. Plenary Scientific Session on Antimicrobial Susceptibility/Resistance. The 42nd Annual Conference of the American Association of Veterinary Laboratory Diagnosticians. San Diego, CA. 1999.
44. Overview of research activities at the Office of Research, Center for Veterinary Medicine, U.S. FDA. Food Safety Symposium on Antimicrobial Resistance, Centers for Disease Control and Prevention, Atlanta, GA. 1999.

45. Emergence and development of bacterial antimicrobial resistance. Dairy Farm Food Safety and Quality Assurance Symposium, University of Vermont, Burlington, VT. 1999.
46. Bacterial antimicrobial resistance. Food Safety Training Program, University of Maryland, Gudelsky Veterinary Center, College Park, MD. 1999.
47. Antimicrobials in food safety and human health. Gordon Research Conference on Applied and Environmental Microbiology, Connecticut College, New London, CT. 1999.
48. Development and characterization of bacterial antimicrobial resistance mechanisms. Minnesota Dairy Health Conference, College of Veterinary Medicine, University of Minnesota, St. Paul, MN. 1999.
49. Characterization of antibiotic resistance among veterinary bacterial pathogens. Food and Water Safety Symposium. American Association of Bovine Practitioners with the Midwestern Meeting of the American Dairy Science Association and the American Society of Animal Science, Des Moines, IA. 1999.
50. The use and misuse of antimicrobials in veterinary medicine. 38th Annual Meeting of the National Mastitis Council, Arlington, VA. 1999.
51. Presence of integrons and the Mar phenotype among clinical veterinary strains of *Salmonella*. Status of Molecular Characterization of Antimicrobial Resistance in *Salmonella* Workshop, Centers for Disease Control and Prevention, Atlanta, GA. 1999.
52. Standardization and harmonization of antimicrobial susceptibility testing methods. 3rd meeting of the Office International des Epizooties ad hoc group on antimicrobial resistance, Office International des Epizooties, Fougères, France. 2000.
53. Antibiotics: from miracle drugs to resistant bugs. Michigan State University Dairy Health Management Certificate Program, Module 10: Food Safety and Quality Assurance. Michigan State University, East Lansing, MI. 2000.
54. Antibiotic resistance, origins and evolution. Michigan State University Dairy Health Management Certificate Program, Module 10: Food Safety and Quality Assurance. Michigan State University, East Lansing, MI. 2000.
55. Laboratory methods for antimicrobial susceptibility testing. Michigan State University Dairy Health Management Certificate Program, Module 10: Food Safety and Quality Assurance. Michigan State University, East Lansing, MI. 2000.

56. Current knowledge and future directions in antimicrobial susceptibility testing. AAVLD Workshop on Antimicrobial Susceptibility Testing Selective Reporting . 43rd Annual meeting of the AAVLD, Birmingham, AL, 2000.
57. The food safety perspective of antibiotic resistance. Addressing Issues of Antibiotic Use in Livestock Production Conference. University of Illinois, Urbana-Champaign, IL. 2000.
58. The antibiotic paradox. Population Medicine Forum and Seminar Series. Department of Food Animal and Equine Medicine, College of Veterinary Medicine, North Carolina State University, Raleigh, NC. 2000.
59. Characterization of antibacterial resistance mechanisms. Beltsville Symposium XXIV: Healthy Animals 2000. Beltsville, MD. September 11, 2000.
60. Bacterial antimicrobial resistance, how does it arise? National Conference on Animal Production Food Safety. St. Louis, MO. 2000.
61. Emergence and transfer of antibacterial resistance mechanisms. Symposium on Food Safety and Dairy Foods. Joint Annual Meeting of the American Dairy Science Association and American Society of Animal Science. Baltimore, MD. 2000.
62. Antimicrobial resistance in animal non-clinical bacteria. Colloquium on Reservoirs of Antibiotic Resistance. 100th Annual Meeting of the American Society for Microbiology. Los Angeles, CA. 2000.
63. Characterization of antimicrobial resistance among pathogenic swine *E. coli*. Workshop on Emerging Nursery Pig Diseases and Management Solutions. The 31st Annual Meeting of the American Association of Swine Practitioners. Indianapolis, IN. 2000.
64. Standardization and harmonization of laboratory methodology for the identification and testing of antimicrobial susceptibility. Office International des Epizooties, Paris, France. 2000.
65. Factors to consider when modeling the rate and extent of bacterial resistance and pathogen load. Pre-approval studies in antimicrobial resistance and pathogen load workshop. Center for Veterinary Medicine, U.S. FDA, Rockville, MD. 2000.
66. Origins and dissemination of antibacterial resistance mechanisms. ELANCO Animal Health, Greenfield, IN. 2001.
67. Extramural and intramural research activities at the Center for Veterinary Medicine, U.S. FDA. National Antimicrobial Resistance Monitoring System (NARMS) Scientific Meeting. Rockville, MD. 2001.

68. Emergence of bacterial antimicrobial resistance. 117th Annual Meeting of the Indiana Veterinary Medical Association. Indianapolis, IN. 2001.
69. The challenges of antimicrobial resistance. The 48th Maryland Nutrition Conference, Timonium, MD. 2001.
70. Antimicrobial resistance in the 21st century. Annual Meeting of the Capital Area Food Protection Association. Washington D.C. 2001.
71. Antimicrobial susceptibility testing methods. Workshop on phenotypic and genotypic determination of bacterial resistance to antimicrobial agents. 101st General Meeting of the American Society for Microbiology. Orlando, FL. 2001.
72. International standardization and harmonization of antimicrobial susceptibility laboratory testing methodologies. 2nd Office International des Epizooties International Conference on Antimicrobial Resistance. Paris, France, 2001 (Could not attend due to FDA travel restrictions associated with September 11, 2001 terrorist attack: Dr. E.J. Threlfall presented in my absence).
73. Laboratory methods for antimicrobial susceptibility testing. Workshop on phenotypic determination of bacterial resistance to antibiotics workshop, 52nd American Association for Laboratory Animal Science National Meeting. Baltimore, MD. 2001.
74. Role of antimicrobials in agriculture: A critical scientific assessment. American Academy of Microbiology, American Society for Microbiology. Santa Fe, NM. 2001 (FDA declined my participation).
75. Antimicrobial resistance surveillance in the United States and abroad. Meeting of the Subcommittee on Antimicrobial Susceptibility Testing, 44th Annual Conference of the American Association of Veterinary Laboratory Diagnosticians. Hershey, PA. 2001.
76. Effects of the use of antimicrobial drugs in food producing animals on pathogen shedding: Critical points. Veterinary Medicine Advisory Committee Meeting on the Effects of the Use of Antimicrobial Drugs in Food Producing Animals on Pathogen Shedding. Center for Veterinary Medicine, U.S. FDA, Rockville, MD. January 23, 2002.
77. The food safety perspective of antimicrobial resistance: farm to fork. The University of Alberta-University of Calgary Conference on Infectious Diseases. Banff, Alberta, Canada. April 24, 2002.
78. Antibiotic resistance and foodborne pathogens. Paratek Pharmaceuticals, Inc., Boston, MA. June 24, 2002.

79. Current FDA/CVM activities in regards to antimicrobial use in food animals. The 139th American Veterinary Medical Association Annual Convention. Nashville, TN. July 15, 2002.
80. Prevalence of antibiotic resistant foodborne pathogens among retail foods and feeds. The 139th American Veterinary Medical Association Annual Convention. Nashville, TN. July 14, 2002.
81. Antimicrobial resistance among foodborne bacterial pathogens. College of Veterinary Medicine, China Agricultural University, Beijing, China, September 24, 2002.
82. FDA/CVM research related to antimicrobial use in food producing animals. Chinese Institute of Veterinary Drug Inspection. Beijing, China, September 26, 2002.
83. Qualitative antimicrobial resistance risk assessment. Public meeting: Draft guidance for industry, evaluating the safety of antimicrobial new animal drugs with regard to their microbiological effects on bacteria of human health concern. Center for Veterinary Medicine, U.S. FDA, Rockville, MD. October 2, 2002.
84. The food security perspective of antimicrobial resistance. Conference on Bioterrorism and Food Security: Issues and Challenges. Fargo, ND. October 29, 2002.
85. An introduction to FoodNet/NARMS retail meat surveillance, 2002. The Annual National Antimicrobial Resistance Monitoring System (NARMS) meeting. Hilton Head, SC, November 20, 2002.
86. Molecular antimicrobial resistance studies ongoing at the Center for Veterinary Medicine, U.S. Food and Drug Administration. The Annual National Antimicrobial Resistance Monitoring System (NARMS) meeting. Hilton Head, SC, November 20, 2002.
87. Antimicrobial resistance among foodborne bacterial pathogens. Department of Nutrition and Food Science, University of Vermont, Burlington, VT, January 29, 2003.
88. Antibiotic resistance and the food chain. Use of antibiotics in agriculture seminar series. The National Academies. Washington DC, March 21, 2003.
89. Antimicrobial resistance as it relates to food animal production. The 2003 FDA Science Forum: Protecting America's Health. Washington DC, April 25, 2003.
90. Surveillance of antimicrobial resistance bacteria in retail foods. The 140th American Veterinary Medical Association Annual Convention. Denver, CO, July 21, 2003.

91. Prevalence and antimicrobial resistance of *Campylobacter* spp. isolated from retail meats in the United States. The 12th International Workshop on *Campylobacter*, *Helicobacter* and Related Organisms (CHRO 2003). Aarhus, Denmark, September 8, 2003.
92. The crossroads of antimicrobial resistance and food safety. Department of Biology, New Mexico State University, Las Cruces, NM, November 6, 2003.
93. Antimicrobial susceptibility profiles of enteric bacteria isolated from retail foods of animal origin: NARMS/FoodNet update, 2002-2003. NARMS Scientific Meeting. Decatur, GA, March 4, 2004.
94. Antimicrobial susceptibility profiles of *Enterococcus* and *E. coli* isolated from NARMS retail meats, 2002. NARMS Scientific Meeting. Decatur, GA, March 4, 2004.
95. The importance of antimicrobial resistance. USDA Microbiological Data Program (MDP) Annual Meeting. Fairfax, VA, June 23, 2004
96. Antimicrobial resistance among *Enterococcus* spp. recovered from retail foods of animal origin, NARMS 2002. 2004th Annual Conference on Antimicrobial Resistance. Bethesda, MD, June 29, 2004.
97. Antimicrobial resistance among *E. coli* recovered from retail foods of animal origin, NARMS 2002. 2004th Annual Conference on Antimicrobial Resistance. Bethesda, MD, June 29, 2004.
98. Results from NARMS – Retail sampling of Animal Products. The 141st American Veterinary Medical Association Annual Convention. Philadelphia, PA, July 26, 2004.
99. Antimicrobial resistance among *Campylobacter* spp. recovered from retail meat and poultry. 44th Interscience Conference on Antimicrobial Agents and Chemotherapy. Washington DC, October 31, 2004.
100. Antimicrobial resistance among foodborne bacterial pathogens and commensal organisms recovered from retail foods. Food Safety Center of Excellence, University of Tennessee, Knoxville, TN, November 8, 2004.
101. Characterization of antimicrobial resistant bacteria from retail foods of animal origin. American Registry of Professional Animal Scientists, Washington DC area chapter Seminar Series. Beltsville, MD, November 17, 2004.
102. Antibiotic resistance gene distribution through the food chain. Department of Food Science and Technology, The Ohio State University, Columbus, OH, December 2, 2004.

103. Surveillance of retail foods of animal origin for multidrug-resistant *Salmonella*. Symposia on ground beef contaminated with multidrug-resistant *Salmonella*, including *S. Typhimurium* DT104: An emerging public health concern. Tufts University School of Veterinary Medicine, Grafton, MA, March 7, 2005.
104. The crossroads of animal health, antimicrobial resistance and food safety. The University of Delaware, Newark, DE, April 4, 2005.
105. Ecology of antimicrobial resistant bacteria among foods of animal origin. 105th General Meeting of the American Society for Microbiology, Atlanta, GA. June 6, 2005.
106. Prevalence of antimicrobial resistant *E. coli* and *Enterococcus* among retail foods of animal origin. 105th General Meeting of the American Society for Microbiology, Atlanta, GA. June 7, 2005.
107. Characterization of antimicrobial resistance and genetic relatedness of *Salmonella* I 4,[5],12:i:- recovered from retail foods of animal origin. 92nd Annual Meeting of the International Association for Food Protection, Baltimore, MD, August 15, 2005.
108. The crossroads of antimicrobial resistance, animal health and food safety. Agriculture's role in managing antimicrobial resistance, Toronto, Canada. October 23, 2005.
109. The National Antimicrobial Resistance Monitoring System (NARMS). 45th Annual Meeting of the National Mastitis Council, Tampa, FL. January, 22, 2006.
110. Updates to the National Antimicrobial Resistance Monitoring System (NARMS). Federation of Animal Science Societies (FASS) Symposia, Food Safety, Animal Drugs, and Animal Health Committee, Rockville, MD. March 13, 2006.
111. Overview of OIE international antimicrobial resistance activities. International Conference on Emerging Infectious Diseases, Atlanta, GA. March 21, 2006.
112. Future directions of the National Antimicrobial Resistance Monitoring System (NARMS). National Cattlemen's Beef Association Spring Legislative Conference. Washington, DC. March 29, 2006.
113. The National Antimicrobial Resistance Monitoring System (NARMS). American Registry of Professional Animal Scientists (ARPAS) Symposia, Antimicrobial Resistance in Animal Production: Challenges and Solutions, College Park, MD. May 3, 2006.
114. Antimicrobial resistance in bacteria, a global issue. 93rd Annual Meeting of the International Association for Food Protection, Calgary, Alberta, Canada. August 14, 2006.

115. Antimicrobial resistance: Strategies at the U.S. Food and Drug Administration. Training Program in the United States Animal Health/Veterinary Medical System, Rockville, MD. August 22, 2006.
116. Comparison of resistance in non-Typhi *Salmonella* from humans and retail poultry: NARMS 2004. Antimicrobial resistance in animals session. 46th Annual Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francisco, CA. September 29, 2006.
117. FDA/CVM Update. 110th Annual Meeting of the United States Animal Health Association, Committee on Pharmaceuticals, Minneapolis, MN. October 16, 2006.
118. The National Antimicrobial Resistance Monitoring System (NARMS). 10th International Symposium on Toxic Microorganisms, United States – Japan Cooperative Program on Development and Utilization of Natural Resources, College Park, MD. November 7, 2006.
119. Surveillance strategies in the U.S., the National Antimicrobial Resistance Monitoring System (NARMS). 3rd International Workshop on Antimicrobial Resistance, Jeju, Republic of Korea. November 28, 2006.
120. Antimicrobial resistance work in the Codex Committee on Residues of Veterinary Drugs in Foods (CCRVDF). 3rd International Workshop on Antimicrobial Resistance, Jeju, Republic of Korea. November 29, 2006.
121. Using attribution data at retail. Attributing Illness to Food Summit, FSIS, USDA, Arlington, VA. April 5, 2007.
122. Overview of the National Antimicrobial Resistance Monitoring System (NARMS). Subcommittee to the U.S. Food and Drug Administration Science Board Meeting on the National Antimicrobial Resistance Monitoring System, Rockville, MD. April 10th, 2007.
123. Integration of the National Antimicrobial Resistance Monitoring System and PulseNet programs. 11th Annual PulseNet Meeting, Providence, RI. April 17th, 2007.
124. An introduction to bacterial antimicrobial resistance. 11th Annual PulseNet Meeting, Providence, RI. April 17th, 2007.
125. The National Antimicrobial Resistance Monitoring System. 107th General Meeting of the American Society for Microbiology, Toronto, Canada. May 24, 2007.
126. Foodborne pathogens, beyond the usual suspects. 2007 Inaugural FDA Science Symposium Series, Living the Future: Global Changes and Public Health, Silver Spring, MD. June 19th, 2007.

127. Molecular mechanisms in the emergence of antimicrobial resistance. 2007 Annual Conference on Antimicrobial Resistance, Bethesda, MD. June 26th, 2007.
128. The public health aspects of the National Antimicrobial Resistance Monitoring System. Antimicrobial Resistance Conference, Interface between Human and Animal Health, Columbus, OH. August 27th, 2007
129. The CCRVDF Code of Practice to Minimize and Contain Antimicrobial Resistance. 2007. The 4th International Workshop on Antimicrobial Resistance, Seoul, Korea. October 22, 2007.
130. Updates to the National Antimicrobial Resistance Monitoring System. Animal Health Institute Regulator Day, Arlington, VA. November 14, 2007.
131. Emerging antimicrobial resistance in animals: What NARMS is Telling Us. International Conference on Emerging Infectious Diseases, Atlanta, GA. March 18, 2008.
132. The National Antimicrobial Resistance Monitoring System (NARMS). 108th General Meeting of the American Society for Microbiology, Boston, MA. June 4, 2008.
133. Genomics at the Center for Veterinary Medicine. 3rd FDA Science Symposium, Genomics at the FDA, Silver Spring, MD. June 26th, 2008.
134. Food safety issues at the Center for Veterinary Medicine. JIFSAN Advisory Council Meeting, New Dimensions and Strategies for Promoting Food Safety Globally, Greenbelt, MD. March 12, 2009.
135. Risk analysis strategies to mitigate antimicrobial resistance associated with the use of antimicrobials in agriculture. USDA Conference on Food Safety and Public Health Frontier: Minimizing Antibiotic Resistance Transmission through the Food Chain, Crystal City, VA. April 3rd, 2009.
136. Challenges to establishing and sustaining antimicrobial resistance monitoring programs. Antimicrobial Resistance Symposium, Annual Conference of the Korean Society for Veterinary Science, Jeju, Korea. October 16th, 2009.
137. Paper or plastic, bringing resistance home. 2010 Annual Conference on Antimicrobial Resistance, National Foundation for Infectious Diseases, Bethesda, Md. February 1st, 2010.
138. Research in support of the Center for Veterinary Medicine, U.S.FDA. Cornell Seminar Series, Department of Food Science, Cornell University, Ithaca, NY. March 9th, 2010.

139. Antimicrobial resistance activities at the FDA. National Antimicrobial Resistance Monitoring System (NARMS) Scientific Meeting, Atlanta, GA. July 15th, 2010.
140. The public health aspects of the U.S. FDA National Antimicrobial Resistance Monitoring System (NARMS). 2nd International Analytical Methods Conference, Newport Beach, CA. February 9th, 2011.
141. The crossroads of animal health, food safety and antimicrobial resistance. College of Veterinary Medicine, Cornell University, Ithaca, NY. October 6th, 2011.
142. The animal link to resistance in human pathogens. Antimicrobial Stewardship in Canadian Agriculture and Veterinary Medicine Conference, Toronto, Ontario. October 31st, 2011.
143. Comparing antimicrobial risk analysis frameworks used by Codex, OIE and U.S. FDA. Meeting of the OIE Ad Hoc Group on Antimicrobial Resistance, Paris, France. December 12, 2011.
144. FDA Foods Program: science and research update and activities. Meeting of the Science Board to the U.S. FDA, Silver Spring, MD. May 2nd, 2012.
145. The FDA Foods Program Science and Research Steering Committee. The 2nd Annual Foods Program Science and Research Conference, Silver Spring, MD. August 1st, 2012.
146. The crossroads of antimicrobial resistance, food safety and public health. United States Army Medical Research Institute of Infectious Diseases, Frederick, MD. August 30th, 2012.
147. An overview of food safety at the U.S. FDA. 2013 FSIS-ARS Annual Food Safety Meeting, Washington DC. February 5th, 2013.
148. FVM science and research program updates, Progress and Future Efforts. Meeting of the Science Board to the U.S. FDA, Silver Spring, MD. February 27th, 2013.
149. FDA Office of Food and Veterinary Medicine research program updates, Progress, and Future Efforts. Illinois Institute of Technology Institute for Food Safety and Health Mid-Year Meeting, Burr Ridge, IL. March 26th, 2013.
150. FDA food safety research needs. International Life Sciences Institute Technical Committee on Food Microbiology, Washington DC. April 9th, 2013.
151. FDA antimicrobial resistance activities. Antimicrobial Resistance and Food Safety in the 21st Century Symposia. 2013 International Association of Food Protection Annual Meeting, Charlotte, NC. July 29th, 2013.

152. FDA Foods and Veterinary Medicine research enterprise. Food Labs Conference, 2014 PITTCON Conference and Expo, Chicago, IL. March 4th, 2014.
153. FDA Foods and Veterinary Medicine research enterprise, Updates and Initiatives. Grocery Manufacturers Association Science Forum, Washington D.C. April 7th, 2014.
154. Foods and Veterinary Medicine science and research moving forward. 4th Annual FDA Foods and Veterinary Medicine Science and Research Conference, Silver Spring, MD. July 28th, 2014.
155. Alignment of FDA's National Antimicrobial Resistance Monitoring System with Foods and Veterinary Medicine science and research priorities. 2014 NARMS Scientific Meeting, Silver Spring, MD. August 13th, 2014.
156. The biology of antimicrobial resistance. Modeling Antimicrobial Resistance Intervention, National Institute for Mathematical and Biological Synthesis, Knoxville, TN. September 19th, 2014.
157. National and international efforts to monitor the emergence of antimicrobial resistance in zoonotic pathogens. Modeling Antimicrobial Resistance Intervention, National Institute for Mathematical and Biological Synthesis, Knoxville, TN. September 19th, 2014.
158. 21st century science at FDA and FDA perspective on new NRC study. National Research Council, First Meeting of the Committee on Incorporating 21st Century Science into Risk-Based Evaluations, National Academies, Washington DC. January 26th, 2015.
159. Genome sequencing and its prospects for improving food safety. USDA's 91st Annual Agricultural Outlook Forum: Smart Agriculture in the 21st Century, Arlington, VA. February 20th, 2015.
160. Whole genome sequencing and FDA food safety efforts. U.S. FDA, Center for Veterinary Medicine-Office of Regulatory Affairs Field Committee Annual Meeting, Rockville, MD. May 7th, 2015.
161. The need for cooperative partnerships to enhance food safety. Johns Hopkins University Center for Biotechnology Education 10th Annual Research Symposium, Rockville, MD. May 13th, 2015.
162. FDA Chemical-specific regulatory needs. 2015 International Association for Food Protection Annual Meeting, Portland, OR, July 26 2015.
163. Strategic planning and vision for the FDA's foods and veterinary medicine program. 2015 International Association for Food Protection Annual Meeting, Portland, OR, July 28, 2015.

164. FDA's efforts to promote judicious use of antimicrobials in food producing animals. 2016. Food Forum. The National Academies of Sciences, Engineering and Medicine. Washington DC, April 27, 2016.
165. The nexus of animal health, food safety and antimicrobial resistance. Keynote speaker - Iowa State University College of Veterinary Medicine Research Day, Ames, IA, August 5, 2016.
166. The nexus of food safety, animal health and antimicrobial resistance. Roger E. Koeppe Endowed Lectureship, Department of Biochemistry and Molecular Biology, Oklahoma State University, Stillwater, OK, October 28, 2016.
167. One health intersection of public health, food safety and antimicrobial resistance. The University of Tennessee Health Sciences Center Research Seminar Series, University of Tennessee Graduate School of Medicine, Knoxville, TN, February 28, 2017.
168. The nexus of animal health, food safety and antimicrobial resistance. The University of Tennessee College of Veterinary Medicine Comparative and Experimental Research Seminar Series, University of Tennessee College of Veterinary Medicine, Knoxville, TN, April 10, 2017.
169. The one health nexus of animal health, food safety and antimicrobial resistance. Symposium for Antibiotics and Antibiotic Resistance Genes in the Environment, Nanjing University, Nanjing, China, June 16, 2017.
170. Interconnected mobilomes among humans, animals and the environment. 4th International Symposium on the Environmental Dimension of Antibiotic Resistance, East Lansing, MI. August 16, 2017.
171. Shared resistomes among animals, humans and the environment. Antimicrobial Resistance in Plants and Animals Conference. The Pennsylvania State University, University Park, PA. September 28, 2017.
172. Can we build the perfect one health antimicrobial resistance intersection? National Institute for Animal Agriculture Symposia on Antibiotic Stewardship. Herndon, VA. November 1, 2017.
173. The one health nexus between antimicrobial resistance, food safety and public health. 35th Annual Conference of the Association for Professionals in Infection Control and Epidemiology Smokey Mountain Chapter. Pidgeon Forge, TN. November 3, 2017.
174. Land-grant institutions and the Hatch Act. University of Tennessee AgResearch Faculty Fellows Program. University of Tennessee Institute of Agriculture, Knoxville, TN. November 15, 2017.

175. The public health impact of intersecting resistomes among animals, Humans and the Environment. Global Health Equity Antimicrobial Resistance Symposium. The State University of New York – Buffalo, Buffalo, NY. May 3, 2018.
176. UTAgriculture Research, Discovery, Innovation and Application. AgLaunch Bootcamp for Tennessee Agricultural Innovation Startups. Knoxville, TN, July 11, 2018.
177. The use of data analytics to predict USDA funding trends. UTIA Research Education Center Directors and Department Heads Joint Planning Meeting. Knoxville, TN, November 28, 2019.
178. Opportunities for research collaborations across the University of Tennessee. Research and Academic Leadership Retreat. University of Tennessee, Knoxville, TN, October 4, 2019.
179. The increased demand for aquaculture protein: aquaculture overview. Presidential Advisory Council on Combating Antibiotic-Resistant Bacteria Public Meeting. Washington D.C., February 27, 2020.

Technical, Management and Leadership Training:

1. Animal care and use seminar. U.S. FDA, Laurel, MD. January 19, 1999.
2. Orientation to grants administration for program officials, U.S. FDA, Rockville, MD. April 4-9, 1999.
3. Introduction to ribotyping methods and analysis, Qualicon Inc., Wilmington, DE. September 2-3, 1999.
4. High performance organization change model phase II, U.S. FDA, Laurel, MD. March 6, 2000.
5. Myers-Briggs team building skills, U.S. FDA, Laurel, MD. April 24, 2000.
6. Transportation of infectious hazardous materials, U.S. FDA, Laurel, MD. April, 25, 2000.
7. Good laboratory practices, U.S. FDA, Laurel, MD. March 23, 2001.
8. WEBLEARN: Tools on your desktop, U.S. FDA, Laurel, MD. April 12, 2001.
9. Workshop on phenotypic and genotypic determination of bacterial resistance to antimicrobial agents, 101st General Meeting of the American Society for Microbiology. Orlando, FL. May 19, 2001.

10. Hazardous waste training, U.S. FDA, Laurel, MD. May 31, 2001.
11. Basic good laboratory practices (GLP) training course, CFSAN Staff College, College Park, MD. June 26-28, 2001.
12. FDA, you, and the media training course, U.S. FDA, Office of Public Affairs, Rockville, MD. October 26, 2001.
13. Giving and receiving constructive feedback training, U.S. FDA, Laurel, MD. December 17, 2001.
14. Hazard management/Animal Care and Use training, U.S. FDA, Laurel, MD. February 7, 2002.
15. CVM / OR waste management procedures, U.S. FDA, Laurel, MD. August 14, 2002.
16. Ethics Training, Department of Health and Human Services, Laurel, MD. September 5, 2002.
17. Primary containment for biohazards, biological safety cabinets, U.S. FDA, Laurel, MD. January 14, 2003.
18. Activity time reporting (ATR) training course, U.S. FDA, Rockville, MD. June 19, 2003.
19. Microsoft Access, U.S. FDA, CVM Staff College, Rockville, MD. October 15, 2004.
20. Introduction to project management, U.S. FDA, CVM Staff College, Rockville, MD. November 15-16, 2004.
21. High performance organization (HPO) review workshop, ORA University, Rockville, MD. March 18, 2005.
22. FDA leadership skills I course, Formula for achieving managerial excellence (FAME) initiative, Department of Health and Human Services. Shepherdstown, WV. July 11-15, 2005.
23. General safety, laboratory safety & waste management annual training, U.S. FDA, Laurel, MD. October 13, 2005.
24. Conflict prevention and resolution workshop for supervisors, CVM Staff College, U.S. FDA, Laurel, MD. December 5, 2005.
25. Performance management appraisal program for supervisors, U.S. Department of Health and Human Services, HHS University, Laurel, MD. August 23, 2006.

26. Annual ethics training, U.S. Department of Health and Human Services, HHS University, Laurel, MD. October 3, 2006.
27. The notification and federal employee antidiscrimination and retaliation act of 2002 (No FEAR Act) training, U.S. Department of Health and Human Services, HHS University, Laurel, MD. October 3, 2006.
28. FDA research involving human subjects training program, U.S. FDA, White Oak, Silver Spring, MD, March 14, 2007.
29. EEO compliance training for managers and supervisors, U.S. FDA, Rockville, MD. March 22, 2007.
30. Basic project officer training, U.S. Department of Health and Human Services, HHS University, Rockville, MD. June 18-21, 2007.
31. Training for supervisors and managers of Commissioned Corps Officers, U.S. FDA, Rockville, MD. April 18, 2008.
32. The Notification and Federal Employee Antidiscrimination and Retaliation act of 2002 (No FEAR Act) Training, U.S. Department of Health and Human Services, HHS University, Laurel, MD. July, 7, 2008.
33. Project Officer Refresher Training, U.S. Department of Health and Human Services, HHS University, U.S. FDA, White Oak, Silver Spring, MD. September 22, 2008.
34. Codex Training for Delegates and Alternates, U.S. Codex Office, Hunt Valley, Md. November 13-14, 2008.
35. FDA Acquisition 101, an overview of the acquisition process for project officers at FDA, Office of Acquisitions & Grants Services, U.S. FDA, Laurel, MD. December 16, 2008.
36. Contract Officer's Technical Representative (COTR) Training Program, ESI International, Rockville, MD. April 13-17, 2009.
37. FDA Disability Hiring Workshop, U.S. FDA, Rockville, MD. April 28, 2010.
38. Good Laboratory Practices in the Real World, Part 11 and Electronic Records, West Coast Quality Training, Laurel, MD. May 25-27, 2010.
39. Interpersonal Skills for Managers, U.S. FDA, White Oak Campus, MD. February 21, 2012.

40. Media Training, The Communication Center, Washington D.C. May 31, 2013.
41. Mandatory Ethics Training – Basic Conflict of Interest (COI) Provisions, U.S. FDA, White Oak Campus, MD. July 24, 2013.
42. Visioning and Leading Change, Brookings Executive Education, Brookings Institution, Washington D.C. March 11-12, 2014.
43. Insider Trading Training, U.S. FDA, White Oak Campus, MD. March 10, 2015.
44. Supervisors and Managers: What You Need to Know about Whistleblower Protection and Prohibited Personnel Practices, U.S. FDA, White Oak Campus, MD. April 23, 2015.
45. Inside Congress: Understanding Congressional Operations, Brookings Executive Education, Brookings Institution, Washington D.C. September 14-17, 2015.
46. Responsible Conduct of Research, Collaborative Institutional Training Initiative (CITI), November 21, 2016.
47. Institutional Biosafety Committee (IBC) regulatory responsibilities and functions, University of Tennessee, July 12, 2017.
48. Strategies and Tactics for Recruiting to Improve Diversity and Excellence (STRIDE), University of Tennessee, October 30, 2018.
49. University of Tennessee Leadership Institute, Murfreesboro, TN, February 24-March 1, 2019.
50. LEAD21, Leadership for the 21st Century, Class 15 (2019-2020).
51. University of Tennessee Executive Leadership Institute, Class of 2022.
52. Insider Threat Training, Center for Development of Security Excellence, Defense Counterintelligence and Security Agency, July 5, 2022.

Membership in Professional or Honorary Societies:

American Association for the Advancement of Science
American Society for Microbiology
International Association for Food Protection
Gamma Sigma Delta

Special Assignments, Advisory Activities and External Professional Activities:

- 1989-1990 University Graduate Senator, The Pennsylvania State University Faculty Senate
- 1996-1999 University Senator, North Dakota State University Faculty Senate
- 1997-1998 Scientific advisor, Aldevron Inc., Fargo, ND
1998 Faculty advisor, North Dakota State University American Society for Microbiology Student Chapter
- 1998-2001 Editorial Board Reviewer, American Journal of Veterinary Research
- 1998-2001 Member, National Pork Producers Council Pharmaceutical Issues Task Force
- 1998-present Member, University of Vermont Alumni Career Network
- 1998-2000 Chairman, Sub-committee on Antimicrobial Susceptibility Testing, American Association of Veterinary Laboratory Diagnosticians (AAVLD)
- 1998-2002 Member, Bacteriology Steering Committee, AAVLD
1998-present *Ad hoc* Reviewer, USDA-AFRI, Extramural Research Grants
- 1998 *Ad hoc* reviewer, British Ministry of Agriculture, Fisheries, and Food, Extramural Research Grants
- 1998-present Graduate Committees

Robert Jon Tibbetts, Characterization of *Escherichia coli* isolated from mink with colisepticemia, Master of Science, Department of Veterinary and Microbiological Sciences, North Dakota State University, Fargo, ND, defended 3/30/01

Shauna Schmitt, Characterization of multi-drug resistance in *Yersinia pestis*, Master of Science, Department of Veterinary and Microbiological Sciences, North Dakota State University, Fargo, ND, defended 12/01/00

Shana Peterman, Incidence of Integron Mediated Multiple Antibiotic Resistance among Veterinary Isolates of *Salmonella typhimurium* DT104, Master of Science, Department of Veterinary and Microbiological Sciences, North Dakota State University, Fargo, ND, defended 11/01/01

Juan F. De Villena, Characterization of fluoroquinolone resistance among avian pathogenic *Escherichia coli*, Master of Science, Department of Nutrition and Food Science, University of Maryland, College Park, MD, defended 11/06/01

Beilei Ge, Characterization and Antibiotic Resistance of *Campylobacter* Isolated from Retail Meats, Doctor of Philosophy, Department of Nutrition and Food Science, University of Maryland, College Park, MD, defended 4/01/02

Glynis L. Kolling, Effect of stress on *E. coli* O157:H7 virulence, Doctor of Philosophy, Department of Food Science, Rutgers, New Brunswick, NJ, defended 04/03/03

Lynette Berkley, Phenotypic, biochemical, and phylogenetic characterization of HU-Biol-1, an antifungal producing bacterium, Doctor of Philosophy, Department of Microbiology, Howard University, Washington, DC, defended 04/01/04

Erin Christensen, Horizontal transfer of mobile genetic elements conferring vancomycin resistance between *Enterococcus* and commensal bacteria in blended food systems, Doctor of Philosophy, Department of Food Science, Rutgers, New Brunswick, NJ, defended 08/30/07

Victoria Campbell, Evaluation of broiler security: willingness to invest in proactive measures for a secure disease event, Master of Science, Department of Agricultural and Resource Economics, University of Tennessee, defended 03/14/19

Alex Pfothenauer, SARS-CoV-2 phytosensors, Doctor of Philosophy, Department of Food Science, University of Tennessee, defended 07/08/21

- 1999-2008 Founding Member, Reservoirs of Antibiotic Resistance Network.
- 1999-present *Ad hoc* reviewer, Journal of the American Veterinary Association.
- 1999-2001 National Pork Board Antimicrobial Resistance Projects Scientific Review Board.
- 1999-2004 Member, Sub-committee on Veterinary Antimicrobial Susceptibility Testing, CLSI.
- 1999 Chairperson, Antibiotic resistance research, FDA/FSI Extramural Research Annual Review Meeting, College Park, Md.
- 1999-2001 Member, Committee for the Advancement of FDA scientists (CAFDAS).
- 1999 Member, Science Advisory Board, National Center for Toxicological Research, Division of Microbiology, 1999.
- 1999-2016 Member, Scientific Working Group, National Antimicrobial Resistance Monitoring System (NARMS).

- 1999-2001 Member, Competitive Exclusion Safety Working Group, Center for Veterinary Medicine.
- 1999-2001 Member, Antimicrobial Drug Resistance Protocol Working Group, Center for Veterinary Medicine.
- 1999-2005 Co-Project Officer, FDA CRADA “STEC, *Salmonella* virulence and antibiotic resistance in cattle and feed”, Principal Investigator: Dr. David Acheson, New England Medical Center; Dr. Glenn Morris, University of Maryland.
- 2000-2001 Member, Thresholds Working Group, Center for Veterinary Medicine.
- 2000-2005 Project officer, FDA CRADA “Antimicrobial resistance of salmonella isolated from swine”, Principal Investigator: Dr. Craig Altier, North Carolina State University.
- 2000-2005 *Ad hoc* reviewer, Office of Science Coordination and Communication, FDA Collaborative Science Projects.
- 2000 Chairperson, Antibiotic resistance research, FDA/FSI Extramural Research Annual Review Meeting, College Park, Md.
- 1999 Research Mentor, Dr. Kenneth M. Bischoff, USDA/ARS Food and Feed Safety Research Unit, College Station, TX.
- 2000-present *Ad hoc* reviewer, Antimicrobial Agents and Chemotherapy.
- 2000 Organizer, Reporting Antimicrobial Susceptibility Results Workshop, 43rd Annual meeting of the AAVLD, Birmingham, AL.
- 2000 Panel member, USDA Office of Science Quality Review Panel, National Program 108 Action Plan on Food Safety.
- 2000 Moderator, Study Concepts for Modeling Resistance Development and/or Pathogen Load Session, Pre-approval Studies in Antimicrobial Resistance and Pathogen Load Workshop. Center for Veterinary Medicine, U.S. FDA, Rockville, MD.
- 2000-2005; 2010-2013 Member, *Ad hoc* group on Antimicrobial Resistance, Office International des Epizooties (OIE), Paris, France.
- 2000-2012 Graduate Faculty, University of Maryland, College Park, MD.

- 2000-2004 Graduate Faculty, Cell and Molecular Biology, North Dakota State University, Fargo, ND.
- 2000-2001 Panel member, USDA-NRICGP Ensuring Food Safety Program.
- 2000-2001 Scientific Steering Committee member, 2nd OIE International Conference on Antimicrobial Resistance, Use of Antimicrobials and Protection of Public Health, Office International des Epizooties.
- 2001-2009 Project advisory group, FDA grant “Survey of antibiotic resistant bacteria in food animals, poultry workers, and human referent groups”, Principal Investigator, Dr. Colin Stine, University of Maryland.
- 2001 Chairperson, Commensal bacteria session, National Antimicrobial Resistance Monitoring System (NARMS) Scientific Meeting, Rockville, MD.
- 2001 Research Mentor, Faye Hartmann, University of Wisconsin.
- 2001-2003 Member, NOH Fluoroquinolone Scientific Working Group, Center for Veterinary Medicine.
- 2001-2002 Member, Antimicrobial Resistance Guidance Group, Center for Veterinary Medicine.
- 2001-2002 Scientific Coordinator, Veterinary medical advisory committee on pathogen load, Center for Veterinary Medicine.
- 2001 Research Mentor, Dr. Steven Foley, Oak Ridge Associated Universities.
- 2001 Convener, Symposium on Antibiotic Resistant Pathogens in our Food Supply, 101st General Meeting of the American Society for Microbiology. Orlando, FL
- 2001 Organizer, Phenotypic Determination of Bacterial Resistance to Antimicrobials, 52nd National Meeting of the American Association for Laboratory Animal Science, Baltimore, MD.
- 2002 Panel member, USDA-NRICGP Epidemiological Approaches for Food Safety.
- 2002-2005 Editorial Board, Journal of Food Protection.
- 2002 Panel member, USDA office of science quality review panel, National Program 108 Action Plan on Food Safety.

- 2002-2004 Project Officer, FDA contract “Evaluate and build a database of antimicrobial susceptibility profiles for *Campylobacter* isolates recovered from turkeys.”
- 2002-2007 Project advisory group, FDA contract “The Use of Existing Microbiological Collections to Examine Historical Susceptibility of Pathogens to Antimicrobial Agents.”
- 2003 Chairperson, Microbial risk balance: Assessing and minimizing the risk. The 2003 FDA Science Forum: Protecting America’s Health, Washington DC.
- 2003 Research Mentor, Dr. Ross Beier, USDA/ARS Food and Feed Safety Research Unit, College Station, TX.
- 2003 Panel member, USDA-NRICGP Epidemiological Approaches for Food Safety.
- 2003 Panel member, USDA-CSREES Small Business Innovation Research Program.
- 2003 Reviewer, Food and Waterborne Diseases Integrated Research Network (FWD IRN) concept proposals, National Institute of Allergy and Infectious Diseases, National Institutes of Health.
- 2004-2007 Editorial Board, Veterinary Microbiology.
- 2004-present Editorial Board, Foodborne Pathogens and Disease.
- 2004-2012 Advisor, Sub-committee on Veterinary Antimicrobial Susceptibility Testing, CLSI.
- 2004 Expert reviewer, Ontario Ministry of Agriculture and Food's (OMAF) New Directions Research Program.
- 2004 Panel member, NIH, Drug Discovery and Mechanisms of Antimicrobial Resistance Study Section.
- 2004 Moderator, Non-human reservoirs of antimicrobial resistance, session 66. 44th Interscience Conference on Antimicrobial Agents and Chemotherapy. Washington D.C., October 31, 2004.
- 2004 Research Mentor, Dr. Marie Archambault, University of Montreal, Department of Pathology and Microbiology.
- 2004 Research Mentor, Samantha Hyner, Brown University, Windows to research and regulatory science program, U.S. FDA-CVM.

- 2005 Research Mentor, Charlotte Hatch, Virginia Polytechnic Institute and State University, Windows to research and regulatory science program, U.S. FDA-CVM.
- 2005 Participant, National Antimicrobial Resistance Monitoring System (NARMS) external review. Presented “Introduction to NARMS”, Rockville, MD, June 23.
- 2005 Participant, National Antimicrobial Resistance Monitoring System (NARMS) external review. Presented “Introduction to NARMS retail meat program”, Rockville, MD, June 23.
- 2005-2012 Member, Center for Veterinary Medicine Project Management Team (PMT).
- 2005-2006 Member, Center for Veterinary Medicine Behaviors Working Group.
- 2005-2008 Member, Antimicrobial Resistance Steering Committee, U.S. FDA.
- 2005-2008 Member, U.S. Interagency Task Force on Antimicrobial Resistance.
- 2005 Panel member, USDA-NRICGP Epidemiological Approaches for Food Safety.
- 2005 External reviewer, Canadian Integrated Program for Antimicrobial Resistance Surveillance (CIPARS) Retail Component External Review. Guelph, Ontario, Canada, November 8, 2005.
- 2005 Editor, *Frontiers in Antibiotic Resistance*. ASM Press, Washington D.C.
- 2006-2012 U.S. Delegate, *ad hoc* Intergovernmental Task Force on Antimicrobial Resistance, Codex Alimentarius.
- 2006-2008; 2012-2015 Editorial Board, *Antimicrobial Agents and Chemotherapy*.
- 2006 Panel member, NIH, Drug Discovery and Mechanisms of Antimicrobial Resistance Study Section.
- 2006 Panel member, CDC, Special Emphasis Panel on Antimicrobial Resistance. Atlanta, GA.
- 2006 Panel member, Department of Defense, Peer Reviewed Medical Research Program, Antimicrobial Resistance/Neurotoxicity of Mefloquine, Chantilly, VA.
- 2007 Reviewer, National Center for Toxicological Research Peer Review Committee.

- 2007 Co-moderator, Research, A Public Health Action Plan to Combat Antimicrobial Resistance Consultants' meeting, Atlanta, GA, December 12-13, 2007.
- 2007 Convener, Integration of Federal Food Safety Initiatives, the Time has Come, 107th General Meeting of the American Society for Microbiology, Toronto, Canada.
- 2007 Reviewer, Force Health Protection Research Initiatives, ONR BAA 07-006, Office of Naval Research (ONR).
- 2008 Participant, Federal Executive Institute, Leadership for a Democratic Society, Charlottesville, VA, January 6 – February 1, 2008.
- 2008 Scientific Program Committee, ASM Conference on Antimicrobial Resistance in Zoonotic Bacteria and Foodborne Pathogens, Copenhagen, Denmark.
- 2008 Co-convener, Division A Symposia, Coordination of Antimicrobial Susceptibility Surveillance Programs, Can it be done? 108th General Meeting of the American Society for Microbiology, Boston, June 4, 2008.
- 2009-2010 Scientific Program Committee, International Conference on Emerging Infectious Diseases, Atlanta, GA.
- 2009-2013 Co-chair, Antimicrobial Resistance Steering Committee, U.S. FDA.
- 2009-2013 Co-chair, U.S. Interagency Task Force on Antimicrobial Resistance.
- 2009-2012 Institutional Official, CVM Animal Care and Use Program (IACUC).
- 2009-2016 FDA Senior Biomedical Research Scientist (SBRS) Credentials Committee.
- 2009-2011 Leader, Science, Technology and Research Integration Core Group, One Mission, One Program, FDA Office of Foods.
- 2009-2016 Member, FDA Science and Innovation Strategic Advisory Council (SISAC).
- 2010-2016 Member, FDA Office of Foods Science and Research Steering Committee.
- 2010 Moderator, Vaccines Targeted to Animal Reservoirs, Session M5. International Conference on Emerging Infectious Diseases, Atlanta, GA, July 14, 2010.
- 2011-2012 Scientific Program Committee, 2012 International Conference on Emerging Infectious Diseases, Atlanta, GA.
- 2012-2015 Chair, FDA Office of Foods Science and Research Steering Committee.

- 2012-2015 Member, Office of Science and Technology Policy Emerging Technology Working Group.
- 2012 Moderator, Biodefense Strategies, Medical Countermeasures, New Technologies, and Laboratory Issues, Session H4. International Conference on Emerging Infectious Diseases, Atlanta, GA, March 13, 2012.
- 2012 Moderator, Integration of Surveillance Systems, Session L1. International Conference on Emerging Infectious Diseases, Atlanta, GA, March 14, 2012.
- 2013-2015 Member, Steering Committee to Implement FDA's Draft Plan to Increase Access to Results of FDA-Funded Scientific Research.
- 2013-2016 Member, FDA Produce Safety Partnership with Mexico Working Group.
- 2015-2016 Chair, Foods and Veterinary Medicine Information Technology Investment Review Board (ITIRB).
- 2015 Organizer and Convener, The Never-Ending Quest for Discriminatory Power: Updates on Molecular Analytics of Foodborne Pathogens. International Association for Food Protection 2015 Annual Meeting, Portland, OR. July 27, 2015.
- 2015 Organizer and Convener, A Bridge between Research and Regulatory Science: Research Prioritization and Outcome Measures. International Association for Food Protection 2015 Annual Meeting, Portland, OR. July 28, 2015.
- 2015 Moderator, Increasing Understanding of the Microbiome, Session E4. 2015 International Conference on Emerging Infectious Diseases, Atlanta, GA, August 25, 2015.
- 2015 Moderator, Emerging Fungal Diseases, Session G2. 2015 International Conference on Emerging Infectious Diseases, Atlanta, GA, August 25, 2015.
- 2016 Executive Co-chair, Foods and Veterinary Medicine Food Safety Modernization Act (FSMA) Outcome Measures Integration Workgroup.
- 2016 Member, FDA CVM Director Search Committee, FDA Center for Veterinary Medicine.
- 2016- Member, Research Council, University of Tennessee, Knoxville, TN.
- 2016- Member, Laboratory Safety Committee, University of Tennessee, Knoxville, TN.

- 2016- Member, Institutional Compliance Committee, University of Tennessee, Knoxville, TN.
- 2016- Member, College of Veterinary Medicine Research Committee, University of Tennessee, Knoxville, TN.
- 2016- Member, Research Development Community, University of Tennessee, Knoxville, TN.
- 2017- Board of Directors, Alliance for the Prudent Use of Antibiotics (APUA), International Society of Antimicrobial Chemotherapy.
- 2017 Chair, Search Committee for Attending Veterinarian, Director of Laboratory Animal Care, University of Tennessee, Knoxville, TN.
- 2017- Member, Animal Care and Advisory Council, University of Tennessee, Knoxville, TN.
- 2017 Member, Search Committee for Associate Vice Chancellor for Research Development, University of Tennessee, Knoxville, TN.
- 2017 Chair, Responsible Conduct of Research Committee, University of Tennessee, Institute of Agriculture, Knoxville, TN.
- 2017-2020 Chair, Institutional Biosafety Committee, University of Tennessee, Knoxville, TN.
- 2017- Member, U.S. Delegation, *ad hoc* Intergovernmental Task Force on Antimicrobial Resistance, Codex Alimentarius.
- 2018 Member, Search Committee for Director, UT Institute for a Secure and Sustainable Environment, University of Tennessee, Knoxville, TN.
- 2018-2020 Co-chair, University of Tennessee Association of Public and Land Grant Universities Innovation and Economic Prosperity Task Force.
- 2018- Administrative Advisor: S1076, Fly Management in Animal Agriculture Systems and Impacts on Animal Health and Food Safety, Multistate Research Project, Southern Association of Agricultural Experiment Station Directors.
- 2019- Advisory Board, Institute for a Secure and Sustainable Environment, Tickle College of Engineering, University of Tennessee, Knoxville, TN.

- 2019- Administrative Advisor: SERA 41, Beef Cattle Production Utilizing Forages in the Southeast to Integrate Research and Extension Programs Across State Boundaries, Multistate Research Coordinating Committee and Information Exchange group, Southern Association of Agricultural Experiment Station Directors.
- 2019 Member, University of Tennessee Postdoctoral Experience Working Group, University of Tennessee, Knoxville, TN.
- 2019- Voting Member, Presidential Advisory Council on Combating Antibiotic-Resistant Bacteria, Department of Health and Human Services, Washington, DC.
- 2019- Member, Herbert College of Agriculture Graduate Council, University of Tennessee, Knoxville, TN
- 2019 Chair, Search Committee for Associate Dean for Research, College of Veterinary Medicine, University of Tennessee, Knoxville, TN.
- 2019-2020 Co-chair, UTIA-UTK Reunification Research Working Group, University of Tennessee, Knoxville, TN.
- 2020-2021 Co-chair, Search Committee for Director, Diversity, Equity and Inclusion, University of Tennessee Institute of Agriculture, Knoxville, TN.
- 2020- Chair, Institutional Compliance Committee, University of Tennessee Institute of Agriculture, Knoxville, TN.
- 2020- Member, University of Tennessee COVID-19 Emergency Operations Center, Knoxville, TN.
- 2020- Member, U.S. Technical Advisory Group to ISO TC 34, Food Products, AOAC International, Rockville, MD.
- 2020- Member, Strategic Roadmap Working Group, Southern Association of Agricultural Experiment Station Directors (SAAESD)
- 2020- Administrative Advisor, University of Tennessee One Health Initiative, Knoxville, TN
- 2021 Chair, Search Committee for Assistant Director, Office of Sponsored Projects, University of Tennessee Institute of Agriculture, Knoxville, TN.
- 2021 Member, Search Committee for UT Extension Assistant Dean, University of Tennessee Institute of Agriculture, Knoxville, TN.

- 2021-22 Member, Search Committee for Senior Vice President / Senior Vice Chancellor, University of Tennessee Institute of Agriculture, Knoxville, TN.
- 2021 Member, Search Committee for Governor's Chair in Data Science, University of Tennessee Knoxville, Knoxville, TN.
- 2022- Member, University of Tennessee Knoxville Insider Threat Working Group, Knoxville, TN
- 2022- University Leadership Council, University of Tennessee Knoxville, Knoxville, TN
- 2022- Council of Deans, University of Tennessee Knoxville, Knoxville, TN

Research Grants:

1. Principal investigator, Equipment grant for purchase of Perkin Elmer Lambda Bio spectrophotometer, North Dakota-EPSCoR, May, 1996. \$2,500.00.
2. Principal investigator, Molecular characterization of chromosomally-mediated multiple antibiotic resistance (Mar) in *Salmonella typhimurium*, North Dakota State University Grant in Aid, June, 1996 - June, 1997. \$6,600.00.
3. Principal investigator, Multiple resistance of antibiotics among veterinary isolates of *Salmonella*, USDA-CSREES, October, 1996 - September, 1998. \$47,900.00. Grant #96-35208-3315.
4. Co-Principal investigator, *Streptococcus suis* as a multi-systemic pathogen in North Dakota swine herds, North Dakota Pork Producer Council, December, 1997 - January, 1998. \$4,000.00.
5. Co-principal investigator, Equipment enhancement of animal health research facilities (flow cytometer), USDA, CSREES, AREA-Equipment grant, September, 1997. \$49,750.00. Grant #97-35208-4719.
6. Co-principal investigator, Characterization of *Escherichia coli* isolates of septicemic ranch mink, Mink Ranchers Research Foundation, January, 1997 - December, 1999. \$16,200.00.
7. Co-investigator, Network to monitor antibiotic resistance in commensal bacteria, NIH-NIAID, Emerging Diseases Research Network, 1998 - 1999. \$13,000.00.

8. Co-Principal investigator, National needs graduate fellowship grants program, USDA-CSREES, 1998 - 2001. \$108,000.00.
9. Co-Principal investigator, Characterization of *Pasteurella* isolates from American bison, National Bison Association, 1998. \$3,515.00.
10. Principal investigator, Characterization of multiple antibiotic resistance among swine *Salmonella* species, National Pork Producers Council, September, 1998 - August, 1999. \$24,000.00.
11. Principal investigator, Emergence and detection of fluoroquinolone resistance among pathogenic avian *E. coli*, US Poultry and Egg Association, July, 1998 - June, 2000. \$30,450.00.
12. Co-Principal investigator, Computer cluster to enhance the veterinary and microbiological sciences teaching program, North Dakota State University Technology Fee Advisory Committee, May, 1998. \$17,400.00.
13. Co-Principal investigator, Characterization of cytotoxic necrotizing factor-1 (CNF-1) in virulent *Escherichia coli* isolates from colisepticemic ranch mink, Mink Ranchers Research Foundation, September, 1998 - August, 2000. \$20,000.00.
14. Principal investigator, Characterization of multiple drug resistance in *Yersinia pestis*, North Dakota State University Research Foundation, 1998. \$2,800.00.
15. Principal investigator, Emergence of Fluoroquinolone resistance on U.S. Farms, U.S. Food and Drug Administration, October, 1998 - September, 2000. \$193,610.00. Awarded but declined due to acceptance of position with U.S. FDA.
16. Co-Principal investigator, Serologic identification of *Salmonella typhimurium* DT104, North Dakota State University Research Foundation, October, 1998 - September, 1999. \$5,000.00.
17. Principal investigator, Characterization of multiple fluoroquinolone resistance among bacterial pathogens, USDA-CSREES, September, 1999 - August, 2001. \$157,000.00. Grant #99-35201-8590.
18. Co-investigator, Ecological assessment of *Salmonella Enteritidis* var Typhimurium in a dairy milk shed, USDA-CSREES, October, 1999 – September, 2002. \$600,000.00. Grant #99-35212-8562.
19. Co-Principal investigator, Following resistant *Salmonella* through the food chain, USDA-CSREES, January, 2000 – January, 2003. \$814,564.00. Grant #99-35212-8680.

20. Co-Principal investigator, Antibiotic resistance integrons in shiga toxin-producing *Escherichia coli* and *Campylobacter jejuni/coli*. Joint Institute for Food Safety and Applied Nutrition, January, 2000 – December, 2002. \$120,000.00.
21. Co-Principal investigator, Antibiotic resistant *Campylobacter* isolated from retail meats. Maryland Agricultural Experiment Station. July, 2000 – June, 2002. \$40,000.00.
22. Co-Principal investigator, Characterization of multiple antibiotic resistance among enterohemorrhagic *E. coli*, USDA-CSREES, December, 2000 - September, 2003. \$250,000.00. Grant #00-026000.
23. Co-Principal investigator, Poultry: a food animal model for following antimicrobial resistant enterococci. USDA-CSREES, January, 2002 – January, 2005. \$786,350.00. Grant #01-35212-10877.
24. Co-Principal investigator, Molecular mechanisms of fluoroquinolone and erythromycin resistance in *Campylobacter jejuni/coli*. Joint Institute for Food Safety and Applied Nutrition, May, 2003 – April, 2005. \$133,650.00.
25. Co-Principal investigator, Hemp products and animal health, FDA Support for Conferences and Scientific Meetings, U.S. Food and Drug Administration, 2020-2021. \$25,000.

Bibliography:

Referred Publications:

1. **White, D.G.**, 1987. Isolation and identification of coagulase-negative *Staphylococcus* species from bovine body sites and streak canal of nulliparous heifers. Master thesis, University of Kentucky, Lexington, KY.
2. **White, D.G.**, 1991. Genetic diversity and clonal relationships among pathogenic strains of avian *Escherichia coli*. Doctoral dissertation, The Pennsylvania State University, University Park, PA.

Published Abstracts and Proceedings:

1. **White, D.G.**, R.J. Harmon, J. Matos, and B.E. Langlois. 1987. Isolation and identification of coagulase-negative *Staphylococcus* species from bovine body sites of nulliparous heifers. *J. Dairy Sci.* 70 (Suppl. 1):133.
2. **White, D.G.**, R.A. Wilson, A. SanGabriel, and T.S. Whittam. 1989. Genetic diversity among strains of avian *E. coli* associated with swollen head syndrome. Abstracts of the 70th Conference of Research Workers in Animal Diseases. Chicago, IL.

3. **White, D.G.**, R.A. Wilson, A. SanGabriel, and T.S. Whittam. 1990. Clonal diversity among strains of avian *Escherichia coli* associated with swollen head syndrome. Abstracts of the 90th Annual Meeting of the American Society for Microbiology.
4. Wilson, R.A., **D.G. White**, and T.S. Whittam. 1992. Clonal diversity among strains of *Escherichia coli* incriminated in avian colisepticemia. Abstracts of the 73rd Conference of Research Workers in Animal Diseases. Chicago, IL.
5. **White, D.G.**, M. Dho-Moulin, and T.S. Whittam. 1992. Clonal relationships and variation in virulence among *E. coli* strains of avian origin. Abstracts of the 92nd Annual meeting of the American Society for Microbiology.
6. **White, D.G.**, W. Yan, and S.B. Levy. 1994. Functional characterization of the chromosomal multiple antibiotic resistance (**MAR**) locus in *Escherichia coli*. Abstracts of the 94th Annual meeting of the American Society for Microbiology.
7. **White, D.G.** and S.B. Levy. 1995. The chromosomal multiple antibiotic resistance (*mar*) locus in *Enterobacteriaceae*. Programme of The Annual Meeting of the "Section des Agents Antimicrobiens de la Societe Francaise de Microbiologie". Institut Pasteur, Paris, France.
8. **White, D.G.** and S.B. Levy. 1995. Multiple antibiotic resistance mediated by the *mar* locus in *Escherichia coli*. Final program of The 109th Association of Analytical Chemists (AOAC) International Annual Meeting and Exposition. Nashville, TN.
9. **White, D.G.**, P.F. McDermott, W.R. Jacobs, and S.B. Levy. 1995. Effects of the *E. coli* multiple-antibiotic-resistance (*mar*) operon on intrinsic antimicrobial resistance in *Mycobacterium smegmatis*. Abstracts of the 95th Annual meeting of the American Society for Microbiology.
10. **White, D.G.** and J.E. Gustafson. 1995. Isolation and purification of the MarA protein from the multiple-antibiotic-resistance (*mar*) operon in *E. coli*. Abstracts of the 95th Annual meeting of the American Society for Microbiology.
11. Goldman, J.D., **D.G. White**, and S.B. Levy. 1995. *mar* expression reduces the rapid bactericidal effect of Norfloxacin. Abstracts of the 95th Annual meeting of the American Society for Microbiology.
12. **White, D.G.**, S. Weir, M. Kahan, and S.B. Levy. 1996. Multiple resistance to antibiotics among veterinary isolates of *Salmonella*. Abstracts of the 77th Conference of Research Workers in Animal Diseases. Chicago, IL.

13. Kahan, M., L.K. Nolan, C.W. Giddings, R. Tibbetts, L. Ewert, **D.G. White**, and A. Misek. 1996. *Salmonella* spp. from apparently healthy swine. Abstracts of the 77th Conference of Research Workers in Animal Diseases. Chicago, IL.
14. **White, D.G.**, J.D. Goldman, P. McDermott, and S.B. Levy. 1996. Characterization of multiple antibiotic resistance among veterinary bacterial pathogens. Abstracts of the 1996 North Central Conference of Veterinary Laboratory Diagnosticians. South Dakota State University. Brookings, SD.
15. Goldman, J.D., **D.G. White**, and S.B. Levy. 1996. A central role for the multiple antibiotic resistance (*mar*) locus in *E. coli* in organic solvent tolerance. Abstracts of the 96th Annual meeting of the American Society for Microbiology.
16. **White, D.G.**, J.D. Goldman, and S.B. Levy. 1996. Contribution of *marC* of the chromosomal multiple antibiotic resistance (*mar*) locus in *Escherichia coli* to the Mar phenotype. Abstracts of the 1996 Keystone symposia on Molecular Basis for Drug Resistance in Bacteria, Parasites, and Fungi. Suppl. Park City, UT.
17. Maddox, C.W., W.H. Fales, **D.G. White**, and R.A. Wilson. 1997. Role of *Escherichia coli* CS31A adhesion and cytotoxic factors 1&2 in septicemic colibacillosis and gastroenteritis of juvenile bovines. Abstracts of the 78th Conference of Research Workers in Animal Diseases. Chicago, IL.
18. Tibbetts, R.J., L.K. Nolan, C.W. Giddings, N.W. Dyer, D. Rodacker, T.S. Whittam, R.A. Wilson, and **D.G. White**. 1997. Characterization of virulent *Escherichia coli* isolates from mink. Abstracts of the 78th Conference of Research Workers in Animal Diseases. Chicago, IL.
19. Martin, C.L., S.P. Yue, S.M. Horne, C.W. Giddings, **D.G. White**, P. Topp, and L.K. Nolan. 1997. Characterization of conjugative R plasmids of *Escherichia coli* O157 isolates. Abstracts of the 78th Conference of Research Workers in Animal Diseases. Chicago, IL.
20. Weber, K.L., N.W. Dyer, L.K. Nolan, C. Giddings, C.C. Wu, and **D.G. White**. 1997. Incidence of *Streptococcus suis* in North Dakota swine. Abstracts of the 78th Conference of Research Workers in Animal Diseases. Chicago, IL.
21. Huber, D., M. Moen, R.A. Wilson, M. Davis, K. Seebart, and **D.G. White**. 1997. Antibiotic resistance and other virulence factors associated with *Escherichia coli* strains incriminated in bovine calf scours. Abstracts of the 78th Conference of Research Workers in Animal Diseases. Chicago, IL.

22. Bradford, P.A., P.J. Petersen, I.M. Fingerman, and **D.G. White**. 1997. Emergence of third generation cephalosporin resistance among *E. coli* isolates implicated in bovine calf scours. Abstracts of the 37th Interscience conference on antimicrobial agents and chemotherapy. Toronto, ONT.
23. **White, D.G.**, R.A. Wilson, J.P. Rosenberger, and T.S. Whittam. 1997. Genotypic and phenotypic variation among strains of *Escherichia coli* associated with avian colibacillosis. Abstracts of the 134th annual convention of the American Veterinary Medical Association. Reno, NV.
24. Moen, M., D. Huber, R.A. Wilson, M. Davis, K. Seebart, and **D.G. White**. 1997. Antibiotic resistance and other virulence factors associated with *Escherichia coli* strains incriminated in bovine calf scours. Abstracts of the 1997 North Central Conference of Veterinary Laboratory Diagnosticians. Purdue University, West Lafayette, IN.
25. **White, D.G.**, K. Maneewannakul, E. Von Hofe, M. Zillman, W. Eisenberg, A.K. Field, and S.B. Levy. 1997. Inhibition of the multiple antibiotic resistance (*mar*) operon in *Escherichia coli* by antisense DNA analogs. Abstracts of the 97th annual meeting of the American Society for Microbiology.
26. **White, D.G.** 1998. Antimicrobial resistance mechanisms. Proceedings of the Sixth Annual Swine Disease Conference for Swine Practitioners. Iowa State University, Ames, IA.
27. **White, D.G.** 1998. Characterization of antibiotic resistance among veterinary bacterial pathogens. Proceedings of the 31st Annual Conference of American Association of Bovine Practitioners. Spokane, WA.
28. **White, D.G.** 1998. Characterization of antimicrobial resistance among veterinary bacterial pathogens. Proceedings of the Pfizer Swine Alliance with Nutritionists. Palm Beach, FL. / Proceedings of the Pfizer Swine Alliance with Veterinarians. San Juan, PR.
29. **White, D.G.**, M. Moen, L.K. Nolan, and M. Kahan. 1998. Characterization of cytotoxic necrotizing factor producing avian *Escherichia coli*. Abstracts of the 135th annual convention of the American Veterinary Medical Association. Baltimore, MD.
30. Nolan, L.K., J.O. Ebert, S.M. Horne, and **D.G. White**. 1998. Distribution of *iss* sequences among different avian *Escherichia* clones. Abstracts of the 135th annual convention of the American Veterinary Medical Association. Baltimore, MD.
31. **White, D.G.**, K. Weber, C.W. Giddings, N.W. Dyer, L.K. Nolan, and C.C. Wu. 1998. Characterization of *Streptococcus suis* isolates among North Dakota swine. Abstracts of the 40th North Central Conference of Veterinary Laboratory Diagnosticians, College of Veterinary Medicine, University of Missouri, Columbia, MO.

32. Tibbetts, R.J., L.K. Nolan, C.W. Giddings, N.W. Dyer, D. Rodacker, T.S. Whittam, R.A. Wilson, and **D.G. White**. 1998. Characterization of *Escherichia coli* isolated from mink with colisepticemia. Abstracts of the 40th North Central Conference of Veterinary Laboratory Diagnosticians, College of Veterinary Medicine, University of Missouri, Columbia, MO. June 16, 1998.
33. **White, D.G.**, L.J.V. Piddock, and J.J. Maurer. 1998. Emergence of fluoroquinolone resistance among pathogenic avian *Escherichia coli*. Abstracts of the 98th annual meeting of the American Society for Microbiology. Atlanta, GA.
34. **White, D.G.** 1998. Development of antimicrobial resistance: mechanisms. Proceedings of The American Academy of Veterinary Pharmacology and Therapeutics symposium; The role of veterinary therapeutics in bacterial resistance development. University of Maryland, College Park, MD.
35. Maurer, J.J., **D.G. White**, M. Pantin, S. Thayer, and C. Lobsinger. 1998. Emergence of multiple fluoroquinolone resistance among avian *Escherichia coli* in north Georgia. Abstracts of the Southern Poultry Science Society and Southern Conference on Avian Diseases. 1998 Annual Meeting. Atlanta, GA.
36. Carley, A.D., C. W. Giddings, J. S. Sherwood, S. M. Horne, **D. G. White**, and L. K. Nolan. 1999. Comparison of virulence factors among *Escherichia coli* isolates from cattle with enteritis and septicemia. Abstracts of the 80th Conference of Research Workers in Animal Diseases. Chicago, IL.
37. **White, D.G.** 1999. Antibacterial resistance mechanisms. Proceedings of the 42nd Annual Meeting of the American Association of Veterinary Laboratory Diagnosticians. San Diego, CA.
38. **White, D.G.** 1999. Emergence and development of bacterial antimicrobial resistance. Proceedings of the Dairy Farm Food Safety and Quality Assurance Symposium, University of Vermont, Burlington, VT.
39. **White, D.G.**, L.J.V. Piddock, and J.J. Maurer. 1999. Emergence and characterization of multiple fluoroquinolone resistance among pathogenic avian *Escherichia coli* isolates. Abstracts of the 136th annual convention of the American Veterinary Medical Association. New Orleans, LA.
40. **White, D.G.** 1999. Development and characterization of bacterial antimicrobial resistance mechanisms. Proceedings of the 1999 Minnesota Dairy Health Conference, St. Paul, MN.

41. Piddock, L.J.V., D.J. Griggs, **D.G. White**, and L. Pumbwe. 1999. Evidence for a multiple antibiotic resistance efflux pump in *Salmonella typhimurium*. Abstracts of the 21st International Congress of Chemotherapy, Birmingham, UK. J. Antimicrob. Chemother. Suppl.A to Vol. 44.
42. **White, D.G.**, J.J. Maurer, C. Hudson, M. Lee, L. Bolton, T. Foley, and J. Sherwood. 1999. Characterization of efflux mediated resistance to florfenicol among bovine pathogenic *Escherichia coli*. Abstracts of the 99th annual meeting of the American Society for Microbiology. Chicago, IL.
43. **White, D.G.** 1999. Characterization of antibiotic resistance among veterinary bacterial pathogens. Abstracts of the Food and Water Safety Symposium. American Association of Bovine Practitioners with the Midwestern Meeting of the American Dairy Science Association and the American Society of Animal Science, Des Moines, IA.
44. Petermann, S., L.K. Nolan, J. Sherwood, and **D.G. White**. 1999. Characterization of integron-mediated multiple antimicrobial resistance among bovine diarrheagenic *Escherichia coli* isolates. Abstracts of the 99th annual meeting of the American Society for Microbiology. Chicago, IL.
45. Schmidt, S., L.K. Nolan, J. Sherwood, S.B. Levy, and **D.G. White**. 1999. Characterization of chromosomal multiple antibiotic resistant mutants of *Yersinia pestis*. Abstracts of the 99th annual meeting of the American Society for Microbiology. Chicago, IL.
46. **White, D.G.** 1999. The use and misuse of antimicrobials in veterinary medicine. Proceedings of the thirty-eighth Annual Meeting of the National Mastitis Council, Arlington, VA.
47. Simjee S., **D.G. White**, P.F. McDermott, D.D. Wagner, J. Hayes, and J. Meng. 2000. Prevalence of Streptogramin resistance genes among *Enterococcus faecium* isolates recovered from retail meats in the greater Washington DC Area. Abstracts of the 1st International Symposium on Resistant Gram-Positive Infections. San Antonio, TX.
48. Simjee S., **D.G. White**, P.F. McDermott, D.D. Wagner, L.L. English and R.D. Walker. 2000. Characterization of high-level gentamicin and vancomycin resistance among clinical canine enterococcal isolates. Abstracts of the 1st International Symposium on Resistant Gram-Positive Infections. San Antonio, TX.
49. English, L., S. Ayers, S. Zhao, S. Friedman, **D.G. White**, D. Wagner, S. McDermott, and M. Myers. 2000. Presence of *Salmonella* in pig ear dog treats obtained from retail stores. Abstracts of the 43rd annual meeting of the American Association of Veterinary Laboratory Diagnosticians. Birmingham, AL.

50. **White, D.G.** 2000. Emergence and transfer of antibacterial resistance mechanisms. Abstracts of the joint annual meeting of the American Dairy Science Association and American Society of Animal Science. J. Dairy Sci. Vol. 83, Suppl. 1.
51. Zhao, S., **D.G. White**, A. Datta, P. McDermott, S.D. McDermott, L. English, S. Friedman, D.D. Wagner, and R.D. Walker. 2000. Characterization of *Salmonella* obtained from animal derived dog treats in the United States. Late breaker abstract of the 2nd international conference on emerging infectious diseases. Atlanta, GA.
52. Johnson, J.A., S. Qaiyumi, L.L. English, J.H. Hayes, **D.G. White**, S.W. Joseph, and D.D. Wagner. 2000. Comparison of streptogramin-resistant *Enterococcus faecium* from poultry and humans. Abstracts of the 137th annual convention of the American Veterinary Medical Association. Salt Lake City, UT.
53. **White, D.G.**, S. Zhao, S. Ayers, S. Gaines, S. Friedman, D. Needle, M. Davis, and C. Debroy. 2000. Characterization of antimicrobial resistance and genetic relatedness among shiga toxin-producing *Escherichia coli* O111 isolates. Abstracts of the 100th annual meeting of the American Society for Microbiology. Los Angeles, CA.
54. Sudler, R., **D.G. White**, S. Ayers, S. Zhao, S. Friedman, D. Wagner, and J. Meng. 2000. Antimicrobial resistance of *Salmonella* and *Escherichia coli* isolated from retail meat products. Abstracts of the 100th annual meeting of the American Society for Microbiology. Los Angeles, CA.
55. Goldstein, C., M.D. Lee, J.J. Maurer, S. Sanchez, C. Hudson, B. Phillips, B. Register, and **D.G. White**. 2000. Incidence of class I, II, and III integrons in clinical and normal flora bacteria from livestock, reptiles and companion animals. Abstracts of the 100th annual meeting of the American Society for Microbiology. Los Angeles, CA.
56. **White, D.G.** 2000. Characterization of antimicrobial resistance among pathogenic swine *E. coli*. Proceedings of the Workshop on Emerging Nursery Pig Diseases and Management Solutions. The 31st Annual Meeting of the American Association of Swine Practitioners. Indianapolis, IN.
57. **White, D.G.**, S. Ayers, S. Zhao, S. Friedman, M. Davis, D. Needle, and C. Debroy. 2000. Characterization of antimicrobial resistance among shiga toxin-producing *Escherichia coli* O111 isolates. Abstracts of the 2000 FDA Science Forum. Washington D.C.
58. Zhao, S., **D.G. White**, S. Ayers, L. English, S. Friedman, S. Gaines, B. Ge, D. Wagner, and J. Meng. 2000. Antibiotic resistance integrons in shiga toxin-producing *Escherichia coli* (STEC). Abstracts of the 2000 FDA Science Forum. Washington D.C.

59. **White, D.G.**, S. Ayers, C. Hudson, J.J. Maurer, M. Lee, S. Zhao, S. Friedman, and J. Sherwood. 2000. Efflux mediated resistance to chloramphenicol and florfenicol among pathogenic *Escherichia coli*. Abstracts of the 2000 FDA Science Forum. Washington D.C.
60. Wagner, D., L. English, **D.G. White**, J.R. Hayes, E. Carr, and S.W. Joseph. 2000. Antibiotic susceptibility profiles of *Enterococcus* isolates from the poultry production environment. Abstracts of the 2000 FDA Science Forum. Washington D.C.
61. Zhao, S., **D.G. White**, S. Ayers, S. Friedman, B. Ge, J. Meng, L. English, D. Wagner, and S. Gaines. 2000. Characterization of antibiotic resistance in shiga toxin-producing *Escherichia coli*. Abstracts of the 87th Annual meeting of the International Association for Food Protection. Atlanta, GA.
62. Hofacre, C.L., J.J. Maurer, C. Morales, C. Lobsinger, **D.G. White**, C. Hudson, and S.G. Thayer. 2000. Antibiotic Resistant Salmonella from Rendered Animal Products. Abstracts of the Southern Conference on Avian Diseases, Atlanta, GA.
63. **D.G. White**. 2001. International standardization and harmonization of antimicrobial susceptibility laboratory testing methodologies. Proceedings of the 2nd Office International des Epizooties International Conference on Antimicrobial Resistance. Paris, France.
64. Ge, B., **D.G. White**, P.F. McDermott, R.D. Walker, S. Zhao, and J. Meng. 2001. Antimicrobial resistant *Campylobacter* isolated from retail raw meats in the greater Washington DC area, 1999-2000. Abstracts of the 11th international workshop on *Campylobacter*, *Helicobacter*, and related organisms. Freiburg, Germany.
65. McDermott, P.F., S.M. Bodeis, L.L. English, **D.G. White**, R.D. Walker, S. Zhao, S. Simjee, and D.D. Wagner. 2001. Isolation of ciprofloxacin-resistant *Campylobacter jejuni* from chickens treated with fluoroquinolones. Late breaker abstract of the 41st annual interscience conference on antimicrobial agents and chemotherapy. Chicago, IL.
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