

Edward H. Stephenson, DVM, PhD

**Agriculture and Food Safety Defense Subject Matter Expert
Agriterrorism/Bioterrorism/Biocrine Subject Matter Expert
Aerobiology/Biomedical Research/Veterinary Medical Research Consultant**

Education

- DVM, Veterinary Medicine, Texas A&M
- MS, Microbiology/Veterinary Science, University of Wisconsin - Madison
- PhD, Microbiology, Colorado State University
- Board Certification, American College of Veterinary Microbiologists

Career

Dr. Stephenson's career in veterinary medicine has been diverse – from clinical practice to biomedical research to academia to industry to consulting. In 1986, he completed a 24-year career that led to increasingly responsible positions in biomedical research and development institutes of the US Army. For the last 5 years of his military career, Dr. Stephenson was Director of the Airborne Diseases Division, US Army Medical Research Institute of Infectious Diseases (USAMRIID). In this capacity he guided the research programs of multi-disciplinary teams, as well as his own research, in aerosol transmission of potential microbial agents of terrorism and naturally occurring microbial agents. Throughout his career, Dr. Stephenson focused his own research programs in molecular pathogenesis and immunogenesis of the highly infectious disease organisms, with a special emphasis on obligate intracellular organisms. His research also included aerosol transmission of disease agents, plus encompassed the evaluation and study of the effectiveness of vaccines and therapeutic modalities against airborne-transmitted microorganisms.

Following his military career, Dr. Stephenson was in academia for 12 years where he developed the Center for Government and Corporate Veterinary Medicine, a program that accrued international acclaim. Then he was engaged for 2 years in front line professional/public relations for the largest clinical veterinary group in the world. Since 2001, Dr. Stephenson has been an active instructor for the Department of Homeland Security and the National Center for Biomedical Research and Training, Louisiana State University presenting and teaching programs on agriterrorism and bioterrorism throughout the United States and its territories.

Dr. Stephenson has been actively working for over 20 years as a consultant in Aerobiology, Agriculture and Food Safety Defense, Agriterrorism and Counter Agriterrorism, Bioterrorism and Counter Bioterrorism Programs, Human and Veterinary Biomedical Research and Development Programs, Infectious Diseases, Airborne Transmitted Diseases, Vaccine Development, and Animal Use and Welfare Issues. His education and experiences permit him to make valuable contributions to an array of organizations; these include hands-on, in-depth experiences in aerosol technology, airborne transmission of microbial agents, administrative and personnel services,

resources management, veterinary medicine admissions programs, veterinary medicine academic programs, interaction and communication with information technology personnel, design and development of admissions software programs, scientific methodology, publication in scientific journals, research management, and training. He consistently demonstrates resourcefulness, organizational ability, foresight, and understanding of people. Furthermore, Dr. Stephenson continues to maintain a broad knowledge and interest in biomedical science, human medicine, and veterinary medicine to permit effective consultation, teaching, and management of an array of disparate programs.

Dr. Stephenson has authored or co-authored 37 scientific articles in refereed journals, plus 5 book chapters. He had given enumerable presentations at an array of scientific meetings, plus has provided seminars and symposia to a myriad of groups and agencies. Additionally, he has been the moderator of numerous scientific sessions and been a facilitator-tutor for many problem solving exercises.

Since his early years, Dr. Stephenson has been involved with the agriculture community. He, in concert with his dad, was involved in cattle ranching and equine-associated activities. His involvement in 4-H and FFA were extensive, and he was one of the leaders of both organizations. Dr. Stephenson has been active in the Maryland Veterinary Medical Association (VMA), having served on the Legislative Committee, Membership Committee, Board of Directors, and Executive Board. Offices he has held include Vice President, President-Elect, and President. He was the Vice President and President-Elect of the District of Columbia VMA. Also he was an elected member of the AVMA Council of Biologics and Therapeutic Agents. Dr. Stephenson's professional activities span an additional number of organizations including the American Veterinary Medical Association, American Association of Veterinary Laboratory Diagnosticians, American College of Veterinary Microbiologists, and American Society for Microbiology.