

Rodney A. Moxley, DVM, PhD, DACVM (Hon.)

Dr. Moxley received a DVM in 1978 and PhD in Pathology in 1983, both from the University of Missouri-Columbia. Prior to his career in academia, he was a clinical veterinarian in private practice, and a veterinary medical officer with the United States Department of Agriculture, Food Safety and Inspection Service. Dr. Moxley joined the faculty of the University of Nebraska-Lincoln (UNL) in 1983 and continued there until his retirement in 2023. He is an Emeritus Charles Bessey (Distinguished) Professor in the School of Veterinary Medicine and Biomedical Sciences at UNL.



Dr. Moxley had an active involvement in the CRWAD and NC1202 and its predecessor committees (enteric diseases of swine, cattle, and foodborne pathogens) every year from the time he was a graduate student until his retirement. He served on the CRWAD Council, culminating with his service as President in 2013. Dr. Moxley served on the editorial boards of *Animal Health Research Reviews*, and two American Society for Microbiology journals (*Infection and Immunity*; *Applied and Environmental Microbiology*) for many years.

Over his career, Dr. Moxley obtained over \$30 million in extramural research grants and contracts and published over 100 refereed journal articles. His primary research focus was on detection methods for Shiga toxin-producing *Escherichia coli* (STEC) in cattle and beef; virulence mechanisms and pathogenesis of STEC/enterohemorrhagic *E. coli* (EHEC) in cattle, and the gnotobiotic piglet model; virulence mechanisms, pathogenesis, and novel vaccine development for enterotoxigenic *E. coli* (ETEC) in swine; and multidrug antimicrobial resistance in *Salmonella enterica* in cattle. This research led to novel discoveries on STEC/EHEC and ETEC virulence factors and pathogenesis, and seminal work on the efficacy of an *E. coli* O157:H7 vaccine for cattle. Dr. Moxley served as Project Director for a USDA, National Institute of Food and Agriculture, Coordinated Agricultural Project that involved 18 institutions with a long-term goal to reduce the public health risk to non-O157 STEC throughout the beef chain. For their accomplishments, Dr. Moxley and his STEC CAP Executive Management Team received the USDA-NIFA Partnership Award for Mission Integration in 2017. In 2019, Dr. Moxley became an Honorary Member of the American College of Veterinary Microbiologists.

2025 CRWAD Fellows Inductee

