

Dr. Stephen M. Boyle

Dr. Stephen M. Boyle is a professor of microbiology in the Department of Biomedical Sciences and Pathobiology in the Virginia-Maryland College of Veterinary Medicine at Virginia Tech. Boyle received his undergraduate education from Rutgers the State University and his Ph.D. from the University of Rhode Island. Before coming to the college in 1984 as an associate professor, Boyle was an assistant and an associate professor at Memorial University, Newfoundland. Boyle's principal research interests are microbial virulence mechanisms and the application of recombinant DNA technology to vaccine development. He is currently focusing on the improvement of the *Brucella abortus* vaccine strain RB51TM to prevent brucellosis as well as other diseases, the construction of a microarray encompassing the genomes of 3 *Brucella* spp., and the development and testing of a contraceptive vaccine for the control of feral cats. Boyle is a member of the American Society for Microbiology, the American Association for the Advancement of Science, the Conference of Research Workers in Animal Diseases and the Alliance for Contraception in Cats and Dogs.