

Dr. Sharon Witonsky

Dr. Sharon Witonsky is an associate professor of equine field service in the Department of Large Animal Clinical Sciences in the Virginia-Maryland Regional College of Veterinary Medicine at Virginia Tech. She received her DVM from the University of Minnesota and her Ph.D. in comparative and experimental medicine/immunology from the University of Tennessee-Knoxville. She also completed post-doctoral work in immunology at the University of Tennessee and St. Jude's Children's Hospital in Dr. Peter Doherty's laboratory. Her clinical interests are internal medicine, allergic airway disease/recurrent airway obstruction, neurologic diseases (EPM), and neonatology. Her research interests are Equine Protozoal Myeloencephalitis, *Brucella* and *Burkholderia*. She is interested in host-pathogen interactions, including understanding the basic protective immune responses to pathogens. Her research involves characterization of the innate and adaptive immune responses. She is also interested in determine mechanisms of subversion by these pathogens as well as developing of vaccines against these agents. She is board certified as a diplomate by the American College of Veterinary Internal Medicine. Witonsky is also a member of the American Veterinary Medical Association, the American Association of Equine Practitioners, the Southwest Virginia Veterinary Medical Association, the Equine Protozoal Myeloencephalitis (EPM) Society, Phi Zeta, Minnesota Veterinary Medical Association, and she is a sustaining member of Phi Beta Kappa.