



**Brian S. Ladman, Ph.D., M.B.A**  
Scientist  
University of Delaware  
College of Agriculture & Natural Resources  
Avian Biosciences Center  
Department of Animal & Food Sciences  
Email: [bladman@udel.edu](mailto:bladman@udel.edu)  
Phone: (302) 831-8734



**Area of Expertise:**

- Avian virology
- Select agent regulations and ISO 17025 laboratory accreditation
- Biosafety level 3 laboratory management

**Focus of Research:**

- Vaccine development for avian respiratory diseases including infectious bronchitis virus (IBV) and infectious laryngotracheitis virus (ILTV)
- Development of molecular diagnostic assays for avian pathogens
- Evaluation of avian vaccines and vaccination programs: IBV; ILTV; avian influenza virus (AIV)
- Characterization of emerging avian respiratory viruses: IBV; AIV

**Current Funded Projects (Source):**

- Protection provided by multivalent infectious bronchitis virus vaccines against challenge with current U.S. strains and variants (US Poultry & Egg Association)
- Veterinary Diagnostic Laboratory Quality Assurance Training Program (APHIS USDA)